Nainital Bank
PO 2020 Prelims
Memory Based Questions
PDF (With Solution)
In Hindi

निर्देश: निम्नलिखित जानकारी का अध्ययन करें और दिए गए प्रश्नों के उत्तर दें।

तीन पीढ़ियों और नौ सदस्यों वाले एक परिवार में तीन विवाहित जोड़े हैं। यह ज्ञात है कि प्रत्येक सदस्य के माता-पिता में से दोनों या कोई भी जीवित नहीं है। F, D की इकलौती बहन है, जो अविवाहित पुरुष है। H, F की बहू है, जो A से विवाहित है। E, G का ब्रदर-इन-लॉ है, जिसकी शादी E की बहन से हुई है। I, B की पुत्री है, जो C की ऑन्टी है।

1. परिवार में कितने पुरुष सदस्य हैं?
A. चार
B. तीन
C. दो
D. चार से ज्यदा
E. उपरोक्त में से कोई नहीं

2.C का पिता कौन है?
A. G
B. E
C. A
D. या तो G या E
E. या तो E या A

3.I A से कैसे संबंधित है?
A. दादा
B. दादी
C. माता
D. बहन
E. पिता

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आठ व्यक्ति अर्थात A, C, E, G, J, L, N और O एक वृताकार मेज के चारो ओर केंद्र की ओर मुख करके बैठे हैं लेकिन आवश्यक नहीं इसी क्रम में हो। इन सभी का अलग-अलग पेशा है यानी क्लर्क, मैनेजर, मंत्री, किसान, चौकीदार, डॉक्टर, इंजीनियर और ड्राइवर। E और इंजीनियर के बीच एक व्यक्ति बैठा है। वह व्यक्ति जो मंत्री है, E के दायें से तीसरे स्थान पर बैठा है। L उस व्यक्ति के बायें से चौथे स्थान पर बैठा है जो मंत्री है। वह व्यक्ति जो क्लर्क है, उस व्यक्ति के ठीक विपरीत बैठा है जो इंजीनियर है। N और क्लर्क के बीच दो व्यक्ति बैठे हैं। N मंत्री नहीं है। C और चालक के मध्य तीन व्यक्ति बैठे हैं। C न तो मंत्री है और न ही इंजीनियर है। E न तो किसान है और न ही ड्राइवर। A, C के बायें से तीसरे स्थान पर बैठा है। वह व्यक्ति जो प्रबंधक है, O के बायें से पांचवें स्थान पर बैठा है। J और किसान के बीच केवल एक व्यक्ति बैठा है। O न तो डॉक्टर है और न ही किसान। वह व्यक्ति जो डॉक्टर है, C का निकटतम पडोसी नहीं है।

4. किसान के विपरीत कौन बैठता है?
A. N
B. G
C. A
D. E
E. इनमें से कोई नहीं

5.N की दाई ओर से गणना करने पर L और N के मध्य कितने व्यक्ति बैठे हैं?
A. तीन से अधिक
B. तीन
C. एक
D. दो
E. कोई नहीं

6.निम्न में से कौन इंजीनियर है?

A. J
B. A
C. N
D. O
E. इनमें से कोई नहीं

7.G क्या काम करता है?
A. डॉक्टर
B. प्रबंधक
C. किसान
D. क्लर्क
E. इनमें से कोई नहीं

8.निम्नलिखित में से कौन सा युग्म सही है?
A. E - अभियंता
B. J – किसान
C. L - प्रबंधक
D. O - क्लर्क
E. सभी सत्य हैं

निर्देश: निम्नलिखित प्रश्नों में दिए गए कथन को सत्य मानते हुए, ज्ञात कीजिए कि दिए गए निष्कर्षों में से कौन सा/से निष्कर्ष निश्चित रूप से सत्य है/हैं और उनके अनुसार अपने उत्तर दें।

9. कथन:
$A < U > H = R < W \leq P > Y = B < S \geq G = X > C$
निष्कर्ष:
I. W < B
II. Y = X
A. केवल I
B. केवल II
C. या तो I या II
D. न तो I न ही II
E. I और II दोनों

10.कथन:
$Q > R < S = Y = G > D > I = Y = E < Z \geq O$
निष्कर्ष:

I. S > D
II. I < Z
A. केवल I
B. केवल II
C. या तो I या II
D. न तो I न ही II
E. I और II दोनों

11.कथन:
$A > G > I < O > P = Q > S < W = H > X = E$
निष्कर्ष:
I. P > H
II. A < E
A. केवल I
B. केवल II
C. या तो I या II
D. न तो I न ही II
E. I और II दोनों

12.कथन:
$A = B > S \geq D < W = H > I = Q \geq G > D$
निष्कर्ष:
I. W > Q
II. B > H
A. केवल I
B. केवल II
C. या तो I या II
D. न तो I न ही II
E. I और II दोनों

13.कथन:
$I > P = W \geq A = B \leq C = S > X < Z = Q > E$
निष्कर्ष:
I. B < Z
II. I > B
A. केवल I
B. केवल II
C. या तो I या II
D. न तो I न ही II

E. I और II दोनों

14.यदि दिए गए शब्द EAGEREST में प्रत्येक व्यंजन को पिछले अक्षर से बदल दिया जाता है और प्रत्येक स्वर को अगले अक्षर से बदल दिया जाता है, फिर उन्हें वर्णानुक्रम में बाएं से दाएं व्यवस्थित किया जाता है, तो निम्नलिखित में से कौन सा बाएं से छठा अक्षर होगा?
A. R
B. S
C. Q
D. F
E. B

निर्देश: निम्नलिखित जानकारी का अध्ययन करें और दिए गए प्रश्नों के उत्तर दें।

बिंदु A, बिंदु F के उत्तर में 10 मीटर की दूरी पर है जो बिंदु D के पश्चिम में 15 मीटर की दूरी पर है। बिंदु B, बिंदु E के पश्चिम में 25 मीटर की दूरी पर है जो बिंदु D के दक्षिण में 10 मीटर की दूरी पर है। बिंदु C, बिंदु H के पश्चिम में 13 मीटर की दूरी पर है जो बिंदु B के उत्तर में 12 मीटर की दूरी पर है। बिंदु G, जो बिंदु C के दक्षिण में है, वह B के साथ एक ही रेखा पर स्थित है।

15. H के सन्दर्भ में G किस दिशा में है?
A. पश्चिम
B. दक्षिण
C. दक्षिण - पश्चिम
D. उत्तर-पूर्व
E. उपरोक्त में से कोई नहीं

16.D के सन्दर्भ में H किस दिशा में है?
A. पश्चिम
B. उत्तर
C. उत्तर- पश्चिम
D. दक्षिण -पूर्व

E. उपरोक्त में से कोई नहीं

17.E और G के बीच की दूरी का योग कितना है?
A. 42 मीटर
B. 38 मीटर
C. 56 मीटर
D. 52 मीटर
E. उपरोक्त में से कोई नहीं

निर्देश: जानकारी का ध्यानपूर्वक अध्ययन करें और नीचे दिए गए प्रश्नों के उत्तर दें।

आठ व्यक्ति S, K, E, M, Z, Q, P और H तीन अलग-अलग इलाकों में रहते हैं अर्थात, L1, L2 और L3 . इनमें दो महिलाएं हैं और वे अलग-अलग इलाकों में रहती हैं और अलग-अलग खेल खेलती हैं।

उनमें से दो टेबल टेनिस खेलते हैं, दो बास्केटबॉल खेलते हैं, दो क्रिकेट खेलते हैं और एक वॉलीबॉल खेलता है और एक बैडमिंटन खेलता है। Z, L1 में रहता है और बास्केटबॉल खेलता है और टेबल टेनिस खेलने वाली उसकी दोस्त के L3 में रहती है। S बास्केटबॉल खेलता है, और P के साथ रहता है, जो क्रिकेट खेलता है। E क्रिकेट खेलता है, L2 में रहता है और उसका मित्र H टेबल टेनिस खेलता है और अन्य व्यक्तियों में से केवल एक व्यक्ति के साथ L1 में रहता है। L3 में तीन से अधिक व्यक्ति नहीं रहते हैं। कोई भी महिला वॉलीबॉल या बैडमिंटन नहीं खेलती है। महिलाओं में से एक क्रिकेट खेलती है। एक ही खेल खेलने वाले दो व्यक्ति एक साथ नहीं रहते।

18. वॉलीबॉल कौन खेलता है?

A. E
B. M
C. Q
D. P
E. या तो M या Q

19.M किस इलाके में रहता है?
A. L1
B. L2
C. वह इलाका जिसमें K रहता है।
D. L3
E. एक से अधिक विकल्प सही है।

20.निम्नलिखित में से कौन एक महिला है?
A. S
B. K
C. P
D. H
E. E

21.निम्न में से कौन सी जोड़ी सही है?
A. H - क्रिकेट
B. महिला - टेबल टेनिस
C. Z – L2
D. M - महिला
E. Q - L2

22.निम्नलिखित में से कौन सा कथन सही है?
A. Q बैडमिंटन खेलता है।
B. L2 में रहने वाले व्यक्तियों में से एक वॉलीबॉल खेलता है।
C. M बास्केटबॉल खेलता है।
D. S क्रिकेट खेलता है।
E. L3 में रहने वाले लोगों में से एक बैडमिंटन खेलता है।

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एक कूटबद्ध भाषा में,

White Blue Sky Cloud को be kl te dc के रूप में कोडित किया गया है।
Cloud Sky Rain Bow को dc nr wx kl के रूप में कोडित किया गया है।
Sky Rain White Green को nr kl gy te के रूप में कोडित किया गया है।

23. उस भाषा में Green को कैसे कोडित किया जायेगा?
A. gy
B. dc
C. kl
D. te
E. उपरोक्त में से कोई नहीं

24.उस भाषा में Rain को कैसे कोडित किया जायेगा?
A. kl
B. nr
C. gy
D. te
E. wx

25.उस भाषा में rain bow को कैसे कोडित किया जायेगा?
A. wx kl
B. kl nr
C. nr wx
D. wx nr
E. उपरोक्त में से कोई नहीं

26.कूट te को _____ के रूप में जाना जाता है।
A. ज्ञात नहीं किया जा सकता
B. Sky
C. White
D. Cloud
E. उपरोक्त में से कोई नहीं

27.कूट dc का अर्थ _____ है।
A. Rain
B. Sky

C. Cloud
D. Bow
E. उपरोक्त में से कोई नहीं

28.यदि शब्द TENTACLES के पहले, तीसरे, चौथे और आठवें अक्षरों का उपयोग करके एक सार्थक शब्द बनाया जा सकता है, तो नए बने शब्द का तीसरा अक्षर क्या होगा? यदि एक से अधिक शब्द बन सकते हैं, तो अपने उत्तर को X के रूप में चिह्नित करें। यदि ऐसा कोई शब्द नहीं बन सकता है, तो अपने उत्तर को Z के रूप में चिह्नित करें।
A. N
B. T
C. E
D. X
E. Z

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दो समानांतर पंक्तियों में बारह व्यक्ति बैठे हैं। पंक्ति 1 में A, B, C, D, E और F दक्षिण दिशा के सम्मुख बैठे हैं और पंक्ति 2 में L, M, N, O, P और Q बैठे हैं और उत्तर दिशा के सम्मुख हैं लेकिन आवश्यक नहीं कि इसी क्रम में बैठे हों।

N, O के दायें से चौथे स्थान पर बैठा है। वह व्यक्ति, जो N के विपरीत बैठा है, B से तीन स्थान दूर बैठा है। F और B के मध्य दो व्यक्ति बैठे हैं। वह व्यक्ति, जो B के विपरीत बैठा है, P से दो स्थान दूर बैठा है। P के दायीं ओर दो से अधिक व्यक्ति बैठे हैं। C, E के दायें से दूसरे स्थान पर बैठा है, जो D का पड़ोसी नहीं है। Q, M के ठीक दायें बैठा है, जो O का पड़ोसी नहीं है।

29. C के विपरीत कौन बैठा है?
A. L
B. O
C. P
D. M
E. इनमें से कोई नहीं

30.Q की बाईं ओर कितने व्यक्ति बैठे हैं?
A. चार
B. तीन
C. एक
D. कोई नहीं
E. दो

31.B की ओर मुख किए हुए व्यक्ति की दाईं ओर तीसरे स्थान पर कौन बैठता है?
A. L
B. N
C. Q
D. M
E. इनमें से कोई नहीं

32.F और A के मध्य कितने व्यक्ति बैठे हैं?
A. तीन
B. एक
C. कोई नहीं
D. दो
E. तीन से अधिक

33.A के संदर्भ में E का स्थान कौन सा है?
A. ठीक बाईं ओर
B. ठीक दाईं ओर
C. बाईं ओर से दूसरा
D. दाईं ओर से तीसरा
E. इनमें से कोई नहीं

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एक संख्या व्यवस्था मशीन को जब संख्याओं की एक इनपुट लाइन दी जाती है, तो यह प्रत्येक चरण में एक विशेष नियम का पालन करते हुए उन्हें पुनर्व्यवस्थित करती है। निम्नलिखित इनपुट और पुनर्व्यवस्था का एक उदाहरण है:

इनपुट: 3456 6576 2987 2387 5176 7852

चरण I: 711 1113 1115 515 613 157

चरण II: 72 33 35 101 613 157

चरण III: 9 6 8 2 10 13

चरण IV: 18 12 16 04 20 26

चरण IV पुनर्व्यवस्था का अंतिम चरण है। उपरोक्त चरणों में पालन किए गए नियमों के अनुसार, निम्नलिखित प्रत्येक प्रश्न में दिए गए इनपुट के लिए उपयुक्त चरणों को ज्ञात करें।

इनपुट: 2356 7654 1288 2376 1209 2356 9865

34. निम्नलिखित में से कौन अंतिम चरण के बायें से तीसरी संख्या है?
A. 26
B. 25
C. 20
D. 24
E. 30

35. चरण II की सबसे छोटी संख्या कौन सी है?
A. 52
B. 39
C. 139
D. 172
E. उपरोक्त में से कोई नहीं

36. चरण I और IV की सबसे बड़ी संख्याओं के बीच का अंतर कितना है?
A. 1272

B. 1729
C. 1685
D. 1290
E. उपरोक्त में से कोई नहीं

37. चरण III में संख्याओं का योग कितना है?
A. 98
B. 78
C. 68
D. 49
E. उपरोक्त में से कोई नहीं

38. चरण II में कितनी संख्याएँ अपरिवर्तित रहीं, जैसा कि वो चरण I में थी?
A. दो
B. तीन
C. एक
D. चार
E. उपरोक्त में से कोई नहीं

39. शब्द ARTICLES में अक्षरों के ऐसे कितने युग्म हैं, जिनमें से प्रत्येक के बीच उतने ही अक्षर हैं (आगे और पीछे दोनों ओर से) जितने कि अंग्रेजी वर्णमाला में उनके बीच होते हैं?
A. एक
B. दो
C. तीन
D. चार
E. कोई नहीं

निर्देश: नीचे दिए गए प्रश्न में तीन कथन और उसके बाद निष्कर्ष दिए गए हैं। आपको दिए गए कथनों को सत्य मानना है, भले ही वे सर्वज्ञात तथ्यों से भिन्न प्रतीत होते हों। सभी निष्कर्षों को पढ़ें और फिर यह निश्चित करें कि दिए गए निष्कर्षों में से कौन सा/से निष्कर्ष सामान्य रूप से ज्ञात तथ्यों को नजरअंदाज

करने पर दिए गए कथनों का तार्किक रूप से अनुसरण करता है/करते हैं।

40. कथन:

कुछ रॉकेट जेट हैं

सभी जेट फ्लाइट हैं

सभी फ्लाइट स्पेस हैं

निष्कर्ष:

I. सभी फ्लाइट रॉकेट हैं

II. कुछ फ्लाइट जेट नहीं हैं

A. केवल I अनुसरण करता है

B. केवल II अनुसरण करता है

C. या तो I या II अनुसरण करता है

D. न तो I न ही II अनुसरण करता है

E. I और II दोनों अनुसरण करते हैं

41.कथन:

कोई रबर पेपर नहीं है

कुछ पेपर गम हैं

सभी गम रैप हैं

निष्कर्ष:

I. कोई गम रबर नहीं है

II. कुछ रैप रबर नहीं है।

A. केवल I अनुसरण करता है

B. केवल II अनुसरण करता है

C. या तो I या II अनुसरण करता है

D. न तो I न ही II अनुसरण करता है

E. I और II दोनों अनुसरण करते हैं

42.कथन:

सभी कैस्पर जिन है

सभी जिन रोबो हैं

कुछ जिन फ्लिन हैं

निष्कर्ष:

I. कोई फ्लिन कैस्पर नहीं है

II. कुछ रोबो फ्लिन हैं

A. केवल I अनुसरण करता है

B. केवल II अनुसरण करता है

C. या तो I या II अनुसरण करता है

D. न तो I न ही II अनुसरण करता है

E. I और II दोनों अनुसरण करते हैं

43.कथन:

सभी कीज वर्ड है

कुछ वर्ड अल्फा है

कोई अल्फा कॉमा नहीं है

निष्कर्ष:

I. कुछ वर्ड कॉमा नहीं हैं

II. कुछ कीज कॉमा नहीं हैं

A. केवल I अनुसरण करता है

B. केवल II अनुसरण करता है

C. या तो I या II अनुसरण करता है

D. न तो I न ही II अनुसरण करता है

E. I और II दोनों अनुसरण करते हैं

44.कथन:

सभी लिटिल पेपर हैं

कुछ लिटिल बिग हैं

सभी बिग कट हैं

निष्कर्ष:

I. कम से कम कुछ पेपर बिग है

II. सभी लिटिल कट हैं

A. केवल I अनुसरण करता है

B. केवल II अनुसरण करता है

C. या तो I या II अनुसरण करता है

D. न तो I न ही II अनुसरण करता है

E. I और II दोनों अनुसरण करते हैं

निर्देश: निम्नलिखित जानकारी का ध्यानपूर्वक अध्ययन करें और दिए गए प्रश्नों के उत्तर दें।

निश्चित संख्या में कुछ व्यक्ति एक सीधी पंक्ति में बैठे हैं। सभी व्यक्ति उत्तर के सम्मुख है। E और F जो छोर पर बैठे हैं, उनके मध्य तीन व्यक्ति बैठे हैं। B, E के बायें तीसरे स्थान पर बैठा है। B और D के मध्य छः व्यक्ति बैठे हैं। D और A जो छोर पर बैठे हैं उनके मध्य केवल दो व्यक्ति बैठे हैं। B के दायें बैठे व्यक्तियों की संख्या उतनी ही है जितनी C के बाएं बैठे व्यक्तियों की संख्या है। H किसी एक छोर से पांचवें स्थान पर बैठा है। G और I के मध्य दो व्यक्ति बैठे हैं, जो किसी एक छोर से छठे स्थान पर बैठा है। G, E और B का निकटतम पडोसी नहीं है। E, I के आसन्न बैठा है।

45. E और H के मध्य कितने व्यक्ति बैठे हैं?
A. आठ
B. नौ
C. तीन
D. दो
E. इनमें से कोई नहीं

46. पंक्ति में कितने व्यक्ति हैं?
A. 17
B. 15
C. 18
D. 21
E. इनमें से कोई नहीं

47. B की दाई ओर से तीसरे स्थान पर कौन बैठा है?
A. G
B. E
C. I
D. F
E. इनमें से कोई नहीं

48. C की बाई ओर कितने व्यक्ति बैठे हैं?
A. ग्यारह
B. सात

C. नौ
D. कोई नहीं
E. दो

49. दाएं छोर से G का स्थान कौन सा है?
A. सातवां
B. दसवां
C. दूसरा
D. तीसरा
E. इनमें से कोई नहीं

निर्देश: निम्नलिखित जानकारी का अध्ययन करें और दिए गए प्रश्नों के उत्तर दें।

ABLE RABI SOFI BLUE RACE
50. यदि स्वर शब्द के भीतर अपना स्थान बदल लेते हैं, तो कितने सार्थक शब्द बनेंगे?
A. एक
B. तीन
C. तीन से अधिक
D. दो
E. कोई नहीं

51. यदि शब्दों को श्रंखला के बायें से दायें वर्णानुक्रम में व्यवस्थित किया जाता है, तो निम्नलिखित में से कौन सा अक्षर नई श्रृंखला के दायें से पांचवें अक्षर के बायें से तीसरा होगा?
A. A
B. B
C. E
D. R
E. S

52. यदि अक्षरों को वर्णानुक्रम में शब्द के भीतर व्यवस्थित किया जाता है, तो श्रृंखला के बाएं से तेरहवां अक्षर क्या होगा?
A. S
B. B
C. U

D. C

E. उपरोक्त में से कोई नहीं

53. यदि प्रत्येक शब्द के पहले और अंतिम अक्षरों को आपस में बदल दिया जाए, तो कितने अर्थपूर्ण शब्द बन सकते हैं?

A. तीन तीन

B. दो दो

C. एक एक

D. कोई नहीं

E. तीन से ज्यादा

54. यदि सभी शब्दों को श्रृंखला के बाएँ से दाएँ शब्द के अंतिम अक्षर के आधार पर वर्णानुक्रम व्यवस्थित किया जाता है, तो कितने शब्द अपनी स्थिति नहीं बदलेंगे?

A. एक

B. दो

C. तीन

D. कोई नही

E. तीन से अधिक

55. शब्द 186293472 में संख्याओं के ऐसे कितने युग्म हैं, जिनमें से प्रत्येक के बीच उतनी ही संख्याएँ हैं (आगे और पीछे दोनों ओर से) जितनी संख्या श्रृंखला में उनके बीच होती हैं?

A. एक

B. तीन

C. चार

D. दो

E. कोई नहीं

निर्देश: निम्नलिखित जानकारी का ध्यानपूर्वक अध्ययन कीजिए और तदनुसार प्रश्नों के उत्तर दीजिए:

आठ व्यक्ति एक आठ-मंजिला इमारत में रहते हैं। एक मंजिल पर एक व्यक्ति रहता है। सबसे नीचे की मंजिल (भूतल) की संख्या 1 है और शीर्ष मंजिल की संख्या 8 है। प्रत्येक व्यक्ति का जन्म एक ही वर्ष के विभिन्न महीनों अर्थात जनवरी से अगस्त तक में हुआ है। Z, Y के ठीक ऊपर रहता है, जिसका जन्म J के ठीक बाद में हुआ है। चार लोग सबसे बड़े और सबसे छोट व्यक्ति के बीच रहते हैं। K, जो J से ऊपर रहता है और F, जो E से छोटा है, के बीच चार व्यक्ति रहते हैं। E और वह, जिसका जन्म मई में हुआ है, के बीच चार व्यक्ति रहते हैं। वह, जिसका जन्म मार्च में हुआ है, तीसरी मंजिल के ऊपर एक विषम संख्या वाली मंजिल पर रहता है। M और सबसे बड़े व्यक्ति के बीच तीन व्यक्ति रहते हैं। सबसे छोटा व्यक्ति F के पास रहता है, जो T से ऊपर रहता है। वह, जिसका जन्म मई में हुआ है और K, जिसका जन्म मई से पहले हुआ है, के बीच दो व्यक्ति रहते हैं। वह, जिसका जन्म मार्च में हुआ है और E, जो तीसरी मंजिल के नीचे रहता है, के बीच तीन व्यक्ति रहते हैं।

56. सबसे बड़े व्यक्ति से ऊपर कितने व्यक्ति रहते हैं?

A. तीन

B. पांच

C. चार

D. छह

E. इनमें से कोई नहीं

57. निम्नलिखित में से कौन भूतल पर रहता है?

A. वह, जो F से छोटा है

B. F

C. वह, जो T से बड़ा है

D. J

E. M

58. वह, जो Y से तीन स्थान दूर रहता है, उसका जन्म किस महीने में हुआ था?

A. जुलाई

B. अगस्त

C. मार्च

D. अप्रैल

E. जनवरी

59. Y से बड़े व्यक्ति और F से ठीक पहले जन्मे व्यक्ति के बीच में कितने व्यक्ति रहते हैं?

A. तीन

B. एक

C. चार

D. दो

E. इनमें से कोई नहीं

60. निम्नलिखित में से विषम ज्ञात कीजिए?

A. J

B. Z

C. M

D. F

E. K

निर्देश: निम्नलिखित प्रश्न में प्रश्नवाचक चिह्न '?' के स्थान पर क्या आना चाहिए?

61. $(64 \times 15) \div 4^2 = (? \div 6) + 25$

A. 150

B. 180

C. 210

D. 240

E. इनमें से कोई नहीं

62. (840 का 45%) – (? × 3) = (60 का 125%)

A. 144

B. 140

C. 196

D. 101

E. इनमें से कोई नहीं

63. $\sqrt{1296} \div 9 + (12.5 \times 6) = ? - 41$

A. 120

B. 135

C. 165

D. 150

E. इनमें से कोई नहीं

64. (? का 60%) + (320 का 150%) = (150 × 4)

A. 250

B. 225

C. 160

D. 200

E. 180

65. $(315 \div 7) - (288 \div 16) = ? \times 3^2$

A. 4

B. 6

C. 3

D. 2

E. इनमें से कोई नहीं

निर्देश: निम्नलिखित जानकारी का ध्यानपूर्वक अध्ययन करें और नीचे दिए गए प्रश्न का उत्तर दें:

एक स्कूल में 50 शिक्षक हैं और प्रत्येक शिक्षक तीन विषयों अर्थात् गणित, हिंदी और अंग्रेजी में से कम से कम एक विषय पढ़ाता है।

सभी तीनों विषयों को पढ़ाने वाले शिक्षकों की संख्या 5 है। केवल हिंदी पढ़ाने वाले शिक्षकों की संख्या 8 है और केवल गणित और अंग्रेजी पढ़ाने वाले शिक्षकों की संख्या 7 है। केवल हिंदी और अंग्रेजी पढ़ाने वाले शिक्षकों की संख्या 6 है। अंग्रेजी पढ़ाने वाले शिक्षकों की संख्या 30 है। केवल गणित पढ़ाने वाले शिक्षकों की संख्या केवल अंग्रेजी पढ़ाने वाले शिक्षकों की संख्या से 3 कम है।

66. केवल गणित पढ़ाने वाले शिक्षकों की संख्या कितनी है?

A. 6

B. 9

C. 15
D. 10
E. इनमें से कोई नहीं

67.केवल अंग्रेजी पढ़ाने वाले शिक्षकों की संख्या का केवल हिंदी पढ़ाने वाले शिक्षकों से अनुपात कितना है?
A. 3 : 2
B. 4 : 5
C. 2 : 5
D. 4 : 3
E. इनमें से कोई नहीं

68.हिंदी पढ़ाने वाले शिक्षकों की कितनी संख्या है?
A. 30
B. 22
C. 24
D. 32
E. 26

69.केवल हिंदी और अंग्रेजी पढ़ाने वाले शिक्षकों की संख्या केवल अंग्रेजी पढ़ाने वाले छात्रों की संख्या का कितना प्रतिशत है?
A. 90%
B. 80%
C. 50%
D. 75%
E. इनमें से कोई नहीं

70.यदि गणित पढ़ाने वाले पुरुष और महिला शिक्षकों की संख्या का अनुपात 5 : 3 है, तो गणित पढ़ाने वाले पुरुष और महिला शिक्षकों की संख्या के बीच का अंतर ज्ञात कीजिए।
A. 10
B. 12
C. 8
D. 6
E. इनमें से कोई नहीं

71.धानी का वेतन गिरीश के वेतन का 80% है और धानी के वेतन का 15% अजय के वेतन के

20% के बराबर है। यदि अजय का खर्च उसके वेतन का 60% है और वह 6144 रुपये बचाता है, तो गिरीश का वेतन कितना है?
A. 28800 रुपये
B. 36000 रुपये
C. 25600 रुपये
D. 30000 रुपये
E. इनमें से कोई नहीं

72.एक दुकानदार माल का अंकित मूल्य क्रय मूल्य से 40% अधिक निर्धारित करता है। उसने 30% माल अंकित मूल्य पर, 25% माल 20% छूट पर और शेष सामान 40% छूट पर बेचा। कुल लाभ प्रतिशत ज्ञात कीजिए।
A. 6.4%
B. 7.8%
C. 8.4%
D. 9%
E. इनमें से कोई नहीं

73.माधव ने 2 वर्ष के लिए साधारण ब्याज पर दो योजनाओं A और B में 34500 रुपये का निवेश किया। योजना A 12% प्रति वर्ष की ब्याज दर प्रदान करती है और योजना B 15% प्रति वर्ष की ब्याज दर प्रदान करती है। यदि योजना A और योजना B द्वारा प्राप्त ब्याज का अनुपात 6:5 है, तो माधव द्वारा योजना A से योजना B में निवेश की गई राशि का अनुपात ज्ञात कीजिए।
A. 1 : 2
B. 4 : 5
C. 3 : 2
D. 6 : 5
E. इनमें से कोई नहीं

74.A, B और C ने मिलकर एक व्यापार शुरू किया। A ने 6 महीने के लिए 16800 रुपये का निवेश किया, B ने 9 महीने के लिए 8400 रुपये का निवेश किया और C ने 5 महीने के लिए

25200 रुपये का निवेश किया। A एक कार्यकारी सदस्य है जिसके लिए उसे कुल लाभ का 5% अतिरिक्त मिलता है। यदि कुल लाभ रु 12000 है, तो B का हिस्सा क्या है?

A. 2850 रु

B. 2960 रु

C. 2720 रु

D. 2550 रु

E. इनमे से कोई नहीं

75. नाव द्वारा धारा की दिशा में 144 किमी की दूरी और धारा के विरुद्ध 108 किमी की दूरी तय करने में लिया गया समय समान है। धारा की गति क्या है, यदि शांत जल में नाव की गति 28 किमी/घंटा है?

A. 8 किमी

B. 2 किमी

C. 4 किमी

D. 5 किमी

E. 3 किमी

निर्देश: निम्नलिखित प्रश्न में प्रश्नवाचक चिन्ह (?) के स्थान पर लगभग कितना मान आएगा? (आपसे सटीक मान की गणना करने की अपेक्षा नहीं की जाती है)

76.
$\left(649.99\% \text{ of } \frac{100}{13} + 24.98 \times 12\right) - 119.001 = ?$

A. 180

B. 260

C. 230

D. 195

E. 205

77. $239.99 + ?^2 = 130.001 + 15.99 \times 9.001$

A. 9

B. 6

C. 4

D. 2

E. 10

78. $197.99 \div 8.998 \times 5.001 = ? + 25$

A. 50

B. 105

C. 65

D. 85

E. 60

79. $?^2 \times 23.98 + 144.001 = 44.99 \times 8.001$
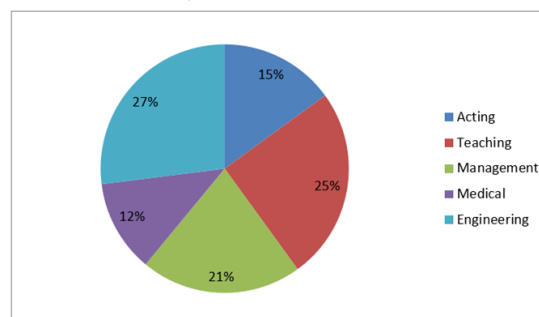
A. 6

B. 3

C. 1

D. 8

E. 5

निर्देश: निम्नलिखित प्रश्न में प्रश्नवाचक चिन्ह (?) के स्थान पर लगभग कितना मान आएगा? (आपसे सटीक मान की गणना करने की अपेक्षा नहीं की जाती है)

80. $255.994 \div 7.997 + 108.001 = ? \times 34.997$

A. 2

B. 8

C. 12

D. 4

E. 10

निर्देश: निम्नलिखित जानकारी का ध्यानपूर्वक अध्ययन करें और नीचे दिए गए प्रश्न का उत्तर दें: नीचे दिया गया पाई चार्ट पांच अलग-अलग व्यवसायों में कर्मचारियों की कुल संख्या का प्रतिशत वितरण दर्शाता है।

कर्मचारियों की कुल संख्या = 1200

81. अभिनय और चिकित्सा पेशे में साथ काम करने वाले कर्मचारियों की संख्या और शिक्षण पेशे में कर्मचारियों की संख्या के योग के बीच कितना अंतर है?
A. 24
B. 36
C. 28
D. 32
E. इनमें से कोई नहीं

82.इंजीनियरिंग पेशे में कर्मचारियों की संख्या का $\frac{4}{9}$वां भाग महिलाओं का है। इंजीनियरिंग पेशे में पुरुष कर्मचारियों की संख्या कितनी है?
A. 150
B. 210
C. 180
D. 160
E. इनमें से कोई नहीं

83.अभिनय, प्रबंधन और चिकित्सा में कुल मिलाकर कर्मचारियों की औसत संख्या कितनी है?
A. 144
B. 192
C. 210
D. 156
E. इनमें से कोई नहीं

84.शिक्षण और चिकित्सा में कुल मिलाकर कर्मचारियों की संख्या का अभिनय और इंजीनियरिंग में कुल कर्मचारियों की संख्या से अनुपात कितना है?
A. 30 : 23
B. 36 : 31
C. 37 : 42
D. 40 : 37
E. इनमें से कोई नहीं

85.यदि इंजीनियरिंग में कर्मचारियों की संख्या और फैशन डिजाइनिंग में कर्मचारियों की संख्या का अनुपात 9:7 है, तो फैशन डिजाइनिंग में कर्मचारियों की संख्या, शिक्षण में कर्मचारियों की संख्या का कितना प्रतिशत है?
A. 60%
B. 72%
C. 64%
D. 84%
E. 80%

निर्देश: निम्नलिखित संख्या श्रृंखला में, केवल एक संख्या गलत है। गलत संख्या ज्ञात कीजिए।

86. 64, 51, 72, 59, 80, 65, 88
A. 29
B. 42
C. 65
D. 46
E. 31

निर्देश: निम्नलिखित संख्या श्रृंखला में, केवल एक संख्या गलत है। गलत संख्या ज्ञात कीजिए।

87. 6, 3, 5, 8 .5, 18, 46, 139
A. 6
B. 3
C. 46
D. 18
E. 139

88.12, 14, 23, 51, 120, 242, 459
A. 242
B. 14
C. 120
D. 459
E. 23

89.64, 69, 59, 74, 55, 79, 49
A. 49
B. 69
C. 59
D. 55
E. 64

90.102, 83, 66, 51, 40, 27, 18
A. 18
B. 51
C. 40
D. 66

E. 102

91.अंजना की वर्तमान आयु रजत की वर्तमान आयु से 40% अधिक है। अंजना कमलेश से 10 वर्ष बड़ी है। 10 वर्ष पहले, अंजना की आयु प्राक्षी की आयु से दोगुनी थी। यदि चारों व्यक्ति की औसत वर्तमान आयु 32.5 वर्ष है, तो प्राक्षी की वर्तमान आयु ज्ञात कीजिए।
A. 26 वर्ष
B. 30 वर्ष
C. 32 वर्ष
D. 25 वर्ष
E. 28 वर्ष

92.P एक कार्य को 42 दिनों में कर सकता है, जबकि Q उसी कार्य को 30 दिनों में कर सकता है। P और Q मिलकर काम शुरू करते हैं और 14 दिनों तक काम करते हैं और काम छोड़ देते हैं। यदि शेष कार्य R द्वारा 7 दिनों में किया जाता है, तो R द्वारा अकेले पूरे कार्य को पूरा करने में लिया गया समय ज्ञात कीजिए।
A. 42 दिन
B. 35 दिन
C. 30 दिन
D. 24 दिन
E. इनमे से कोई नहीं

93.एक बर्तन में दूध और पानी का अनुपात 5:4 है। यदि मिश्रण का 20% निकाल लिया जाए और मिश्रण में 40 लीटर दूध मिला दिया जाए, तो दूध का पानी से अनुपात 7:4 हो जाता है। अंतिम मिश्रण में दूध की मात्रा ज्ञात कीजिए।
A. 150 लीटर
B. 125 लीटर
C. 120 लीटर
D. 140 लीटर

E. इनमे से कोई नहीं

94.ट्रेन X 84 किमी/घंटा की गति से यात्रा करती है और 320 मीटर लंबे पुल को 24 सेकंड में पार करती है जबकि ट्रेन Y 90 किमी/घंटा की गति से यात्रा करती है और 8 सेकंड में एक पेड़ को पार करती है। ट्रेन X और ट्रेन Y की लंबाई का अनुपात ज्ञात कीजिए?
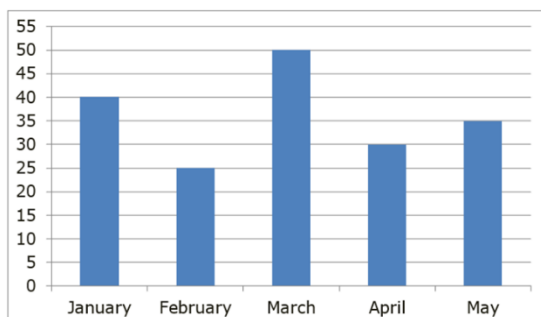A. 3 : 2
B. 5 : 4
C. 6 : 5
D. 5 : 3
E. इनमे से कोई नहीं

95.गौरव अपने वेतन का 40% किराए पर, 20% भोजन पर और शेष का 50% परिवहन पर खर्च करता है। सभी खर्चों के बाद वह 2700 रुपये बचाता है जो कि किराए, भोजन और परिवहन पर खर्च करने के बाद शेष राशि का आधा है। गौरव का वेतन ज्ञात कीजिए?
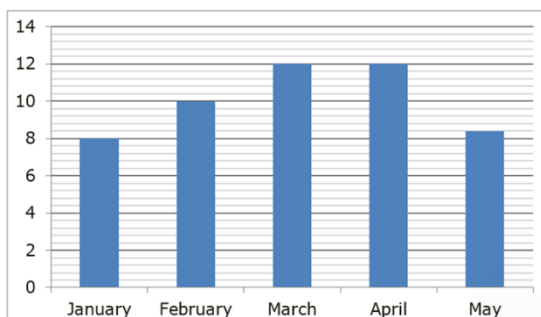A. 25000 रुपये
B. 27000 रुपये
C. 24000 रुपये
D. 30000 रुपये
E. इनमें से कोई नहीं

निर्देश: निम्नलिखित जानकारी का ध्यानपूर्वक अध्ययन करें और दिए गए प्रश्न का उत्तर दें।
नीचे दिया गया दंड आरेख पांच अलग-अलग महीनों - जनवरी, फरवरी, मार्च, अप्रैल और मई में एक कंपनी द्वारा निर्यात किए गए फलों की मात्रा (टन में) दर्शाता है।

नीचे दिया गया दंड आरेख पांच अलग-अलग महीनों में कंपनी द्वारा निर्यात किए गए फलों का मूल्य (लाख रुपये में) दर्शाता है।

96. कंपनी द्वारा फरवरी और अप्रैल में निर्यात किए गए फलों की मात्रा और मार्च में निर्यात किए गए फलों की मात्रा के बीच (लाखों में) कितना अंतर है?
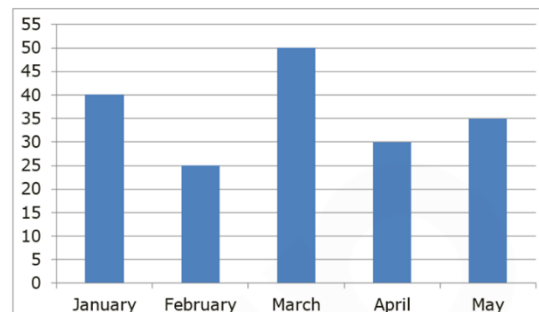A. 10
B. 5
C. 12
D. 15
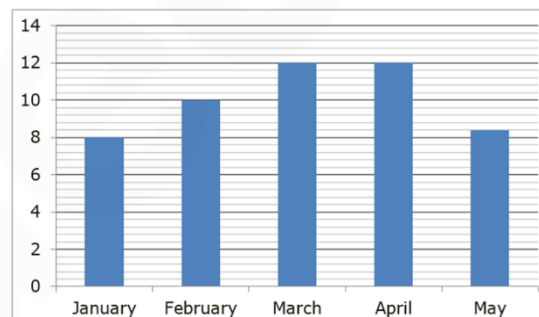E. 8

97. किस महीने में फल का मूल्य (प्रति टन) न्यूनतम था?
A. जनवरी
B. मार्च
C. अप्रैल
D. फ़रवरी
E. मई

निर्देश: निम्नलिखित जानकारी का ध्यानपूर्वक अध्ययन करें और दिए गए प्रश्न का उत्तर दें।

नीचे दिया गया दंड आरेख पांच अलग-अलग महीनों - जनवरी, फरवरी, मार्च, अप्रैल और मई में एक कंपनी द्वारा निर्यात किए गए फलों की मात्रा (टन में) दर्शाता है।

नीचे दिया गया दंड आरेख पांच अलग-अलग महीनों में कंपनी द्वारा निर्यात किए गए फलों का मूल्य (लाख रुपये में) दर्शाता है।

98. कंपनी द्वारा फरवरी और मई में निर्यात किए गए फलों के मूल्य (प्रति टन) के बीच कितना अंतर (हजारों में) है?
A. Rs. 12000
B. Rs. 15000
C. Rs. 18000
D. Rs. 16000
E. इनमें से कोई नहीं

99. कंपनी द्वारा मार्च में निर्यात किए गए फलों (प्रति टन) का मूल्य फरवरी में कंपनी द्वारा निर्यात किए गए फलों (प्रति टन) के मूल्य का कितना प्रतिशत है?
A. 40%
B. 60%
C. 75%
D. 80%

E. इनमें से कोई नहीं

100. मार्च से अप्रैल तक निर्यात मात्रा में प्रतिशत गिरावट कितनी थी?
A. 35%
B. 40%
C. 25%
D. 60%
E. 50%

निर्देश: निम्नलिखित प्रश्न में दो समीकरण चर x और y में दिए गए हैं। आपको इन समीकरणों को हल करना है और x और y के बीच संबंध निर्धारित करना है।

101.
I. $x^2 - 26x + 153 = 0$
II. $y^2 = 81$
A. x > y
B. x ≤ y
C. x < y
D. x ≥ y
E. x = y या x और y के बीच संबंध स्थापित नहीं किया जा सकता

निर्देश: निम्नलिखित प्रश्न में दो समीकरण चर x और y में दिए गए हैं। आपको इन समीकरणों को हल करना है और x और y के बीच संबंध निर्धारित करना है।

102.
I. $x^2 + 29x + 138 = 0$
II. $y^2 - 19y - 92 = 0$
A. x > y
B. x ≤ y
C. x < y
D. x ≥ y
E. x = y या x और y के बीच संबंध स्थापित नहीं किया जा सकता

103.
I. $x^2 + 33x + 252 = 0$
II. $y^2 + 30y + 161 = 0$
A. x > y
B. x ≤ y
C. x < y
D. x ≥ y
E. x = y या x और y के बीच संबंध स्थापित नहीं किया जा सकता

104.
I. $48x^2 - 56x + 15 = 0$
II. $2y^2 + 19y - 91 = 0$
A. x > y
B. x ≤ y
C. x < y
D. x ≥ y
E. x = y या x और y के बीच संबंध स्थापित नहीं किया जा सकता

105.
I. $16x^2 - 18x + 5 = 0$
II. $8y^2 - 37y + 20 = 0$
A. x > y
B. x ≤ y
C. x < y
D. x ≥ y
E. x = y या x और y के बीच संबंध स्थापित नहीं किया जा सकता

106. एक वर्ग का परिमाप एक आयत के परिमाप से 24 सेमी अधिक है। वर्ग का क्षेत्रफल 576 सेमी2 है और आयत की लंबाई 20 सेमी है। आयत का क्षेत्रफल क्या है?
A. 375 सेमी2
B. 350 सेमी2
C. 360 सेमी2
D. 320 सेमी2
E. इनमें से कोई नहीं

107. शिवा ने दो माइक्रोवेव प्रत्येक को x रुपये में खरीदे। उसने एक को 18% लाभ पर और दूसरे को 8% हानि पर बेचा। यदि उसके द्वारा अर्जित

कुल लाभ 960 रुपये है तो x का मान ज्ञात कीजिए?
A. 7500
B. 9600
C. 8400
D. 9000
E. इनमे से कोई नहीं

108. एक बैग में 4 पीले, 6 हरे और 5 लाल रंग के पेन हैं। यदि एक पेन को याद्च्छिक रूप से चुना जाता है, तो पीले या लाल पेन के होने की प्रायिकता क्या है?
A. 3/5
B. 2/5
C. 3/4
D. 2/3
E. इनमें से कोई नहीं

109. P ने 2 वर्ष के लिए चक्रवृद्धि ब्याज पर 12% प्रति वर्ष की दर से X रुपये का निवेश किया और कुल 1908 रुपये का ब्याज प्राप्त किया। यदि P 20% की दर से 2 वर्ष के लिए (X + 5000) रुपये का निवेश करता है, तो उस निवेश पर साधारण ब्याज क्या होगा?
A. 5400 रुपये
B. 6000 रुपये
C. 5000 रुपये
D. 6400 रुपये
E. इनमें से कोई नहीं

110. मनन की आय और बचत का अनुपात 5 : 2 है और आशीष की आय मनन की आय से 20% अधिक है। यदि आशीष 3600 रु बचाता है जो उसकी आय का 30% है, तो मनन का व्यय ज्ञात कीजिए?
A. 7200 रुपये
B. 4800 रुपये
C. 6000 रुपये

D. 4000 रुपये
E. इनमे से कोई नहीं

Direction: Read the given passage carefully and answer the questions that follow. Certain words are printed in bold to help you locate them while answering some of the these.
Most online fraud involves identifying theft, which is why businesses that operate on the web have a keen interest in distinguishing impersonators by genuine customers. Passwords help. But many can be guessed or are jotted down imprudently. Newer phones, tablets, laptops and desktop computers often have beefed-up security with fingerprint and facial recognition. But these can be **spoofed**. To overcome these shortcomings, the next level of security is likely to identify people using things which are harder to copy, such as the way they walk.
Many online security services already use a system called device fingerprinting. This employs software to note things like the model type of a gadget **employed** by a particular user; its hardware configuration; its operating system; the apps which have been downloaded onto it; and other features, including sometimes the Wi-Fi networks it regularly connects through and devices like headsets it **plugs into**. The results are sufficient to build a profile of both the device and its user's habits. If something unusual is then spotted— say, a bank detects access to an account from a phone with a different profile from that which a customer usually uses—it can take appropriate measures. For example, additional security questions can be **posed**. But device fingerprinting is becoming less useful. Apple, Google and other makers of equipment and operating

systems have been steadily restricting the range of attributes that can be observed remotely. The reason for doing this is to limit the amount of personal information that could fall into unauthorised hands. But such restrictions also make it harder to distinguish illegitimate from legitimate users.

That is why a new approach, behavioural biometrics, is **gaining ground**. It relies on the wealth of measurements made by today's devices. These include data from accelerometers and gyroscopic sensors that reveal how people hold their phones when using them, how they carry them and even the way they walk. Touchscreens, keyboards and mice can be monitored to show the distinctive ways in which someone's fingers and hands move. Sensors can detect whether a phone has been set down on a hard surface such as a table or dropped lightly on a soft one such as a bed. **If the hour is appropriate, this action could be used to assume when a user has retired for the night.** These traits can then be used to determine whether someone attempting to make a transaction is likely to be the device's habitual user.

Behavioural biometrics can, moreover, **go beyond** verifying a user's identity. It can also detect circumstances in which it is likely that a fraud is being committed. On a device with a keyboard, for instance, a warning sign is when the typing takes on a **staccato** style, with a longer-than-usual finger "flight time" between keystrokes. This, according to Aleksander Kijek, head of product at Nethone, a firm in Warsaw that works out behavioural biometrics for companies that sell things online, is an indication that the device has been hijacked and is under the remote control of a computer program rather than a human typist.

On a device with a touchscreen rather than a keyboard, however, the **reverse** is true. Most people type with their thumbs on touchscreens, so flight times between keystrokes are longer. In this case, therefore, it is short flight times which are a signal of something suspicious going on—for example, that a touchscreen device is actually being operated remotely, using the keyboard of a laptop.

Used wisely, behavioural biometrics could be a boon. As Neil Costigan, the boss of BehavioSec, a behavioural-biometrics firm in San Francisco, observes, the software can toil quietly in the background, continuously authenticating account-holders without badgering them for additional passwords, their mother's **maiden** name "and all that nonsense". Used unwisely, however, the system could become yet another electronic spy on people's privacy, permitting complete strangers to monitor your every action, from the moment you reach for your phone in the morning, to when you **fling** it on the floor at night.

Source:
https://www.economist.com/science-and-technology/2019/05/23/online-identification-is-getting-more-and-more-intrusive

111.
What makes behavioural biometrics better than regular passwords?
A. Fingerprints restrict the use of personal use.
B. Passwords can be guessed through additional security questions.
C. Behavioural biometrics are unique to a user.
D. Gyroscopes can copy the way a user walks.
E. All of the above

112.Which of the following does not account for device fingerprinting?
A. Hardware configuration of the device.
B. Frequently visited websites.
C. Commonly connected devices.
D. Storing personal information in cloud servers.
E. Fingerprints of the users.

113.Under which of the given conditions flight-time cannot detect a fraud?
A. Remotely controlled computer program.
B. Absence of hardware configuration of the device.
C. A longer-than-usual finger "flight time" between keystrokes.
D. Presence of an online typist.
E. Absence of firms to sell device fingerprinting.

114.According to the passage, which of the following statements would the Neil Costigan most agree with?
A. Additional security can pose a privacy risk for the user.
B. Both C & D
C. Behavioural biometrics allow strangers to authenticate account holders.
D. Customer engagement should be kept at minimum.
E. None of the above

115.Which of the following correctly describes the tone of the passage?
A. Informative
B. Subjective
C. Formal
D. Descriptive
E. Critical

116.Which of the following statement (s) is/are NOT TRUE in accordance with the information provided in the passage?

I. Users do not put much thought in framing a password.
II. Headsets are the most commonly used luxury device.
III. Behavioural biometrics limit the amount of personal information collected from the user.
A. Only I
B. Only III
C. Both II & III
D. Both I & II
E. All are correct

117.In this line, "If the hour is appropriate, this action could be used to assume when a user has retired for the night" the author assumes that:
I. The user has a fixed sleep schedule.
II. The device is always kept in the same position when the user sleeps.
III. The device has only one user.
A. Only I
B. Only III
C. Both II & III
D. Both I & II
E. All are correct

118.Which of the following words from the passage is most OPPOSITE in meaning to the given word?
ABSTAINED
A. Employed
B. Staccato
C. Posed
D. Spoofed
E. Fling

119.Which of the following words or phrases as used in the passage can be replaced by the word "connects"?
A. Go beyond
B. Plugs into
C. Maiden
D. Gaining ground
E. Reverse

120.The following sentence from the passage is broken into four parts and two parts may contain an error in

them. Find out the combination which contains error. If the sentence is free from error mark 'no error'.

Most online fraud involves identifying theft, which (A)/ is why businesses that operate on the web have (B)/ a keen interest in distinguishing (C)/ impersonators by genuine customers. (D)

A. AB
B. BC
C. CD
D. DA
E. No error

Direction: In the following passage, there are blanks, each of which has been numbered. These numbers are printed below the passage and against each, five words are suggested, one of which fits the blank appropriately. Find out the appropriate word in each case.

Global warming, also referred to as (###Q1###) change, is the observed century-scale rise in the average temperature of the Earth's climate system and its related (###Q2###). Multiple lines of scientific (###Q3###) show that the climate system is warming. Many of the observed changes since the 1950s are unprecedented in the instrumental (###Q4###) record which extends back to the mid-19th century, and in paleoclimate proxy records covering thousands of years. In 2013, the Intergovernmental Panel on Climate Change (IPCC) Fifth Assessment Report concluded that "It is extremely likely that (###Q5###) influence has been the dominant cause of the observed warming since the mid-20th century." The largest human influence has been the (###Q6###) of greenhouse gases such as carbon dioxide, methane and nitrous oxide. Climate model

projections (###Q7###) in the report indicated that during the 21st century, the global (###Q8###) temperature is likely to rise a further 0.3 to 1.7 °C (0.5 to 3.1 °F) in the lowest emissions scenario, and 2.6 to 4.8 °C (4.7 to 8.6 °F) in the highest emissions (###Q9###). These findings have been recognized by the national science academies of the major industrialized nations and are not (###Q10###) by any scientific body of national or international standing.

121. Find out the appropriate word in each case.
A. Climate
B. Weather
C. Nature
D. Cycle
E. Tropical

122. Find out the appropriate word in each case.
A. Color
B. Nature
C. Effects
D. Length
E. Power

123. Find out the appropriate word in each case.
A. Theory
B. Cause
C. Solution
D. Answer
E. Evidence

124. Find out the appropriate word in each case.
A. Heat
B. Temperature
C. Cold
D. Wind
E. Water

125. Find out the appropriate word in each case.
A. Dog

B. Wind
C. Human
D. Computer
E. Smartphone

126. Find out the appropriate word in each case.
A. Decrease
B. Suction
C. Manufacture
D. Emission
E. Control

127. Find out the appropriate word in each case.
A. Summarised
B. Forced
C. Portrayed
D. Stuck
E. Accepted

128. Find out the appropriate word in each case.
A. Narrow
B. Surface
C. Human
D. Potential
E. Ice

129. Find out the appropriate word in each case.
A. Length
B. Capacity
C. Speed
D. Scenario
E. Case

Direction: In the given question, five words are printed in bold and are numbered A, B, C, D and E. The positions of some highlighted words may be incorrect and need to be exchanged with another highlighted to make the sentence correct. Find the words that need to be exchanged.
130. While some countries have recently **retreated** (A) from the world stage amid **nationalist** (B) **fervour** (C), the ease of air travel has created a strong **countercurrent** (D) of travellers looking to learn from other **cultures** (E).
A. A-E & C-D
B. No exchange required
C. B-D
D. A-C & B-E
E. C-E

Direction: In the given question, five words are printed in bold and are numbered A, B, C, D and E. The positions of some highlighted words may be incorrect and need to be exchanged with another highlighted to make the sentence correct. Find the words that need to be exchanged.
131. The mayor **urged** (A) local **devastation** (B) to share photos and video footage of the **businesses** (C), which he said would be useful when **requesting** (D) financial help from the **government**. (E)
A. B-C
B. No exchange required
C. A-D & C-E
D. B-E
E. A-E

Direction: In the given question, five words are printed in bold and are numbered A, B, C, D and E. The positions of some highlighted words may be incorrect and need to be exchanged with another highlighted to make the sentence correct. Find the words that need to be exchanged.
132. The Indian **creation** (A) and the **entrepreneurship** (B) machinery that supports it do not encourage **bureaucratic** (C) and job **economy** (D) and there is a lot of red tape with crucial reforms still **pending**. (E)

A. A-E & B-D
B. A-D
C. No exchange required
D. A-D & B-C
E. A-C & B-E

Direction: In the given question, five words are printed in bold and are numbered A, B, C, D and E. The positions of some highlighted words may be incorrect and need to be interchanged with another highlighted to make the sentence correct. Find the word(s) that need to be exchanged.

133. **Companies** (A)/ with high market **share** (B)/ often receive better prices from **suppliers** (C), as their **large** (D)/ order volumes increase their **purchasing** (E)/ power.
A. A-B and C-D
B. A-B
C. A-C and B-D
D. No exchange required
E. A-B and C-E

Direction: In the given question, five words are printed in bold and are numbered A, B, C, D and E . The positions of some highlighted words may be incorrect and need to be exchanged with another highlighted to make the sentence correct. Find the words that need to be exchanged.

134. The report **found (A)** President Vladimir Putin personally **directed(B)** the Russian **efforts(C)** to hack computer networks and accounts **affiliated(D)** with the Democratic Party and leak information **damaging(E)** to Clinton.
A. A – E & B – C
B. A – B & D – E
C. No exchange required
D. A – C
E. C – D

Direction: In the given question, a statement has been divided into five segments, each of which is denoted by (A), (B), (C), (D) and (E). Rearrange all the segments to form a coherent statement.

135.
A) ocean basins
B) in daily and seasonal climates preceded
C) extreme changes
D) the retreat of the seas
E) back into the major
A. CEDBA
B. ABECD
C. DCEBA
D. DECAB
E. CBDEA

136.
A) became easy
B) once Jane
C) and made a start,
D) writing the essay
E) lifted her pen
A. CEDBA
B. ABECD
C. DCEBA
D. BECDA
E. CBDEA

Direction: In the given question, a statement divided into different segments is given, not necessarily in the correct order. Rearrange the segments to form a coherent statement and mark the correct sequence as your answer.

137.
A) a gesture intended to be sweet,
B) as my friend rushed around attempting to make
C) the living room presentable
D) but it probably turned out to be annoying
E) recently, I dropped by a friend's flat unannounced,
A. DECAB
B. EADCB
C. CAEBD
D. EADBC
E. ABCED

Direction: In the given question, a statement has been divided into five segments, each of which is denoted

by (A), (B), (C), (D) and (E). Rearrange all the segments to form a coherent statement.

138.
A) as all over the world, wine companies have realised that
B) wine tourism is no longer the ramshackle affair it used to be,
C) there's money to be made and,
D) equally importantly, valuable PR to be communicated
E) to attract visitors in increasingly slick and varied ways
A. BACDE
B. EADCB
C. CAEBD
D. EADBC
E. ABCED

Direction: In the given question, a statement has been divided into five segments, each of which is denoted by (A), (B), (C), (D) and (E). Rearrange all the segments to form a coherent statement.

139.
A) on urban spaces in modern India and
B) cities and towns in the country
C) it brings together insights on urban spaces
D) the book is a riveting collection of essays
E) from different disciplines and covers a range of
A. DECAB
B. DACEB
C. CABED
D. BAEDC
E. ABCED

Direction: In the given question, a part of the sentence is printed in bold. Below the sentence, alternatives to the emboldened part are given as (A), (B), (C) and (D), which may help improve the sentence. Choose the correct alternative out of the given five options. In case the given

sentence is correct, your answer will be option (E), i.e., "No correction required".

140. To ensure absolute transparencey, the **law was making** it compulsory for the parties to maintain accounts of the receipt of funds and expenditure in a systematic and regular way.
A. law should make
B. law would make
C. law will made
D. law can making
E. No correction required

Direction: In the given question, a part of the sentence is printed in bold. Below the sentence, alternatives to the bold part are given at (A), (B), (C) and (D) which may help improve the sentence. Choose the correct alternative. In case the given sentence is correct and needs no improvement, your answer is (E), i.e., 'No correction required'.

141. The basis of the **regulatory was not in** dispute, and the impossibility of an exact fit is also not in dispute.
A. Regulation is not on
B. Regulatory is not in
C. Regulation is not in
D. Regulation will not in
E. No correction required

Direction: In the given question, a part of the sentence is printed in bold. Below the sentence, alternatives to the emboldened part are given as (A), (B), (C) and (D), which may help improve the sentence. Choose the correct alternative out of the given five options. In case the given sentence is correct, your answer will be option (E), i.e., "No correction required".

142. Political parties are essential ingredients of elections in a

parliamentary representative democracy.
A. Representatives parliamentary democracy
B. Representative parliament democracy
C. Representative parliamentary democracy
D. Democracy parliamentary represents
E. No correction required

Directions: In the given question, a part of the sentence is printed in bold. Below the sentence, alternatives to the emboldened part are given as (A), (B), (C) and (D), which may help improve the sentence. Choose the correct alternative out of the given five options. In case the given sentence is correct, your answer will be option (E), i.e., "No correction required".

143. The minimum number of valid votes polled should be increased to 25% from the current 16.67% as a condition for the **deposit not being** forfeited.
A. Deposit not be
B. Deposits not being
C. Being not deposits
D. Being deposits not
E. No correction required

Direction: Read the following sentence to find out if there is any error in it. The sentence is divided into four parts. The option containing the part of the sentence containing an error is the answer. If the given sentence is correct as it is, mark E, i.e., 'No error' as the answer. Ignore the errors of punctuation if any.

144. SEBI has recently issued (1)/ show cause notices to some (2)/ insurance companies seeking its explanation for not (3)/ complying with certain norms. (4)
A. 1
B. 2
C. 3
D. 4
E. No error

Direction: Read the sentence to find out whether there is an error in it. The error, if any, will be in one part of the sentence. The number corresponding to that part will be your answer. If the given sentence is correct as given, mark option E, i.e. "No error" as the answer. Ignore the errors of punctuation.

145. During the age of globalization which (1)/ many rich and fortunate urban children are (2)/ becoming technologically savvy, their rural counter parts (3)/ do not know much even about computers. (4)
A. 1
B. 2
C. 3
D. 4
E. No error

Direction: Read the following sentence to find out whether there is any error in it. The error, if any, will be in one part of the sentence. The number corresponding to that part will be your answer. If the given sentence is correct as it is, mark the answer as 'No error'. Ignore the errors of punctuation if any.

146.
Many of (1)/ the households in urban areas (2)/ are blessed with (3)/technological advancements. (4)
A. 1
B. 2
C. 3
D. 4
E. No Error

Direction: Read the given sentence to find out whether there is any grammatical error in it. The error, if any, will be in one part of the

sentence. If the sentence is correct, mark 'No error' as the answer.

147. The one who hears the truth and understands (1)/ it immediately is far better of (2)/ than the fools who spend (3)/ hundreds of years thinking about it. (4)
A. 1
B. 2
C. 3
D. 4
E. No error

Direction: Read the sentence to find out whether there is an error in it. The error, if any, will be in one part of the sentence. The number corresponding to that part will be your answer. If the given sentence is correct as it is, mark the answer as 'No error'. Ignore the errors of punctuation, if any.

148. The consummate leader cultivates (1)/ the moral law, and strictly adhere (2)/ to method and discipline; thus it is (3)/ in his power to control success. (4)
A. 1
B. 2
C. 3
D. 4
E. 5 No error

Direction: A sentence with one blank is given, indicating that something has been omitted. Choose the word that best fits in the blank making the sentence grammatically correct and meaningful.

149. A _____of sweat coated his body, and his white-blond hair was back in a braid.
A. Sheen
B. Feirce
C. Squabble
D. Rivalry
E. None of these

Direction: A sentence with one blank is given, indicating that something

has been omitted. Choose the word that best fits the blank appropriately.

150. Hollywood studios are challenging the _____ tradition of the release of a film.
A. Likeable
B. Animated
C. Sacrosanct
D. Graceful
E. Exciting

151.भारत में अल्ट्राहाइ स्पीड यात्रा के लिए वर्जिन हाइपरलूप प्रौद्योगिकी की तकनीकी और वाणिज्यिक व्यवहार्यता का पता लगाने के लिए नीति आयोग द्वारा गठित विशेषज्ञ समिति की अध्यक्षता कौन करेगा?
A. सुधेंदु ज्योति सिन्हा
B. वीके यादव
C. जी. सतेश रेड्डी
D. वीके सारस्वत
E. डॉ. मंगू सिंह

152.'फिनो पेमेंट्स बैंक' भारत में ऑपरेशन शुरू करने वाला चौथा भुगतान बैंक है। फिनो पेमेंट्स बैंक का मुख्यालय कहां है?
A. नई दिल्ली
B. मुंबई
C. चेन्नई
D. कोलकाता
E. बेंगलुरू

153.भारतीय राष्ट्रीय भुगतान निगम के CEO कौन हैं?
A. दिलीप अस्बे
B. अमिताभ कांत
C. राजीव कुमार
D. अनंत कुमार
E. इनमें से कोई नहीं

154.CASA का पूरा नाम क्या है?

A. पूंजी खाता बचत खाता

B. चालू खाता बचत खाता

C. पूंजी पर्याप्तता प्रभु खाता

D. चालू खाता सोवियत खाता

E. इनमें से कोई नहीं

155.वर्तमान बैंक दर क्या है?

A. 8.5%

B. 8%

C. 7.5%

D. 7%

E. 4.65%

156.आवास और शहरी मामलों के मंत्रालय (MoHUA) के अनुसार, किस बैंक ने एक नया स्वदेशी रुपे (RuPay) डेबिट कार्ड- नेशनल कॉमन मोबिलिटी कार्ड (NCMC) लॉन्च किया है?

A. यस बैंक

B. इंडसइंड बैंक

C. कर्नाटक बैंक

D. आईसीआईसीआई बैंक

E. एचडीएफसी बैंक

157.बैंक फॉर इंटरनेशनल सेटलमेंट्स (BIS) का मुख्यालय कहाँ स्थित है?

A. हांगकांग

B. वियना

C. मेक्सिको सिटी

D. बेसल

E. एंटवर्प

158.भारतीय रिज़र्व बैंक द्वारा भारत सरकार की ओर से शुरू की जाने वाली "सॉवरेन गोल्ड बॉन्ड स्कीम 2020-21" में ब्याज दर क्या होगी?

A. 1.50 प्रतिशत

B. 2.00 प्रतिशत

C. 2.50 प्रतिशत

D. 3.00 प्रतिशत

E. 3.50 प्रतिशत

159.दो साल के कार्यकाल के लिए अंतर्राष्ट्रीय सौर गठबंधन (आईएसए) के अध्यक्ष और सह-अध्यक्ष के रूप में कौन से दो देशों को फिर से चुना गया है?

A. भारत और फ्रांस

B. इंडोनेशिया और श्रीलंका

C. श्रीलंका और फ्रांस

D. जर्मनी और जापान

E. स्पेन और भारत

160.इन्सॉल्वेंसी एंड बैंकरप्सी बोर्ड ऑफ इंडिया (IBBI) के वर्तमान अध्यक्ष कौन हैं?

A. श्री एम.एस. साहू

B. श्री निखिल शाह

C. श्री विरल आचार्य

D. श्री टी.के. विश्वनाथन

E. श्री अनुज जैन

161.किस टाइगर रिजर्व को बाघों की संख्या दोगुनी करने के 10 वर्षों के लक्ष्य को मात्र चार वर्षों में पूरा करने के लिए पहली बार अंतर्राष्ट्रीय पुरस्कार, TX2 प्राप्त हुआ है?

A. पीलीभीत टाइगर रिजर्व

B. काजीरंगा टाइगर रिजर्व

C. बांदीपुर टाइगर रिजर्व

D. पन्ना टाइगर रिजर्व

E. सरिस्का टाइगर रिजर्व

162.भारतीय दूरसंचार नियामक प्राधिकरण के अध्यक्ष के रूप में किसे नियुक्त किया गया है?

A. नीतू डेविड

B. रजत सूद

C. पीडी वाघेला

D. एके दीक्षित

E. राज श्रीवास्तव

163.बैंक ऑफ इंडिया की टैगलाइन क्या है?

A. रिश्तों की जमापूंजी (Relationship Beyond Banking)

B. भारत का अंतर्राष्ट्रीय बैंक (India's International Bank)

C. एक परिवार एक बैंक (One Family One Bank)

D. एकसाथ, हम कर सकते हैं (Together We Can)

E. वह बैंक जो आपसे शुरू होता है (The Bank that begins with U)

164.ब्रह्मपुत्र नदी के ऊपर बना देश का सबसे लंबा सड़क पुल _____ को जोड़ेगा।

A. गुवाहाटी, असम से शिलोंग, मेघालय

B. धुब्री, असम से फुलबारी, मेघालय

C. दिब्रूगढ़, असम से तूरा, मेघालय

D. गुवाहाटी, असम से आइजोल, मिजोरम

E. इनमें से कोई नहीं

165.MIBOR का पूर्ण रूप क्या है?

A. Multiple Interbank Offer Rate

B. Marginal Interbank Offer Rate

C. Mumbai Interbank Offer Rate

D. Marginal International Offering Rate

E. इनमें से कोई नहीं

166.सरकार ने किस न्यूनतम राजस्व उत्पादन कंपनी में विनिवेश का निर्णय किया है?

A. एनटीपीसी

B. एयर इंडिया

C. इंडियन ऑयल

D. ओएनजीसी

E. सेल

167.कौन सी भारतीय कंपनी एयरएशिया बीएचडी के साथ अपनी साझेदारी को समास करने जा रही है क्योंकि वह केवल सिंगापुर एयरलाइंस (SIA) के साथ एक एयरलाइन व्यवसाय विस्तारा, एक संयुक्त उद्यम में लगे रहना चाहती है?

A. टाटा सन्स

B. एल एंड टी

C. रिलायंस

D. महिंद्रा एंड महिंद्रा

E. इनमें से कोई नहीं

168."YONO App" में 'N' का क्या अर्थ है?

A. Net

B. Now

C. National

D. Need

E. Nominal

169.भारतीय रिज़र्व बैंक बहु-मीडिया सार्वजनिक जागरूकता अभियान 'आरबीआई कहता है' के प्रभाव का मूल्यांकन करेगा, जिसे _____ में लॉन्च किया गया था।

A. 8 भाषाओं

B. 10 भाषाओं

C. 14 भाषाओं

D. 18 भाषाओं

E. 22 भाषाओं

170.सबसे कम ब्याज जनित बैंक खाता कौन सा है?

A. बचत खाता

B. सावधि जमा खाता

C. आवर्ती खाता

D. चालू खाता

E. इनमें से कोई नहीं

171.विश्व नगर दिवस 2020 का विषय क्या है?

A. Valuing Our Communities and Cities
B. Changing the World: Innovations and Better Life for Future Generations
C. Building sustainable and resilient cities
D. Better City, Better Life
E. इनमें से कोई नहीं

172. सॉवरेन गोल्ड बॉन्ड स्कीम कब लॉन्च की गई थी।

A. नवम्बर, 2014
B. नवम्बर, 2015
C. नवम्बर, 2016
D. नवम्बर, 2017
E. नवम्बर, 2018

173. बॉम्बे स्टॉक एक्सचेंज कितनी कंपनियों का एक्सचेंज है?
A. 1000
B. 2000
C. 3000
D. 4000
E. 6000

174. कौन 3 मिलियन के FASTags जारी करने वाला सबसे बड़ा जारीकर्ता बन गया है?
A. पेटीएम पेमेंट्स बैंक
B. एक्सिस बैंक
C. आईसीआईसीआई बैंक
D. भारतीय स्टेट बैंक
E. एचडीएफसी बैंक

175. भारतीय आईटी उद्योग के जनक, फ़कीर चंद कोहली, जिनका हाल ही में निधन हो गया, किस आईटी कंपनी से संबद्ध थे?
A. विप्रो
B. इन्फोसिस
C. टाटा कंसलटेंसी सर्विसीज़ (टीसीएस)
D. एचसीएल टैक्नोलॉजी

E. टैक महिंद्रा

176. दिहिंग पटकाई किस राज्य का 7वां राष्ट्रीय उद्यान बन गया है?
A. असम
B. मेघालय
C. सिक्किम
D. अरुणाचल प्रदेश
E. मणिपुर

177. किस बैंक का विलय इंडियन बैंक के साथ किया गया है?
A. सिंडिकेट बैंक
B. इलाहाबाद बैंक
C. आंध्र बैंक
D. केनरा बैंक
E. बैंक ऑफ महाराष्ट्र

178. यदि बाजार की कीमतों में हलचल से तुलन पत्र और तुलन पत्र के बाहर की स्थिति में बेसल III मानदंडों तहत नुकसान का जोखिम होता है, तो इसे _____ के रूप में जाना जाता है।
A. बाज़ार जोखिम
B. परिचालन जोखिम
C. मूल्य निर्धारण जोखिम
D. ऋण जोखिम
E. तरलता जोखिम

179. निम्नलिखित में से कौन-से देश ने वर्ष 2020 के लिए 77 (G77) के समूह की अध्यक्षता प्राप्त की है?
A. दक्षिण अफ्रीका
B. घाना
C. गुयाना
D. नाइजर
E. फिलीपींस

180.पंजाब नेशनल बैंक हाउसिंग फाइनेंस (पीएनबीएचएफ) ने किफायती आवास खंड को ऋण प्रदान करने के लिए 100 मिलियन अमेरिकी डॉलर जुटाने हेतु किन दो एजेंसियों के साथ एक समझौते पर हस्ताक्षर किए हैं?
A. जापान इंटरनेशनल कोऑपरेशन एजेंसी (JICA) और सिटी बैंक
B. एशियाई विकास बैंक और सिटी बैंक
C. एशियन इन्फ्रास्ट्रक्चर इन्वेस्टमेंट बैंक और सिटी बैंक
D. विश्व बैंक और जापान अंतर्राष्ट्रीय सहयोग एजेंसी (JICA)
E. इनमें से कोई नहीं

181.मायएमएसएमई मोबाइल ऐप निम्नलिखित में से किसके द्वारा लॉन्च किया गया है?
A. शिक्षा मंत्रालय
B. इलेक्ट्रॉनिक्स एवं सूचना प्रौद्योगिकी मंत्रालय
C. सूक्ष्म, लघु और मध्यम उद्यम मंत्रालय
D. कृषि और किसान कल्याण मंत्रालय
E. वाणिज्य और उद्योग मंत्रालय

182.भारतीय रिजर्व बैंक द्वारा संकटग्रस्त लक्ष्मी विलास बैंक के प्रशासक के रूप में किसे नियुक्त किया गया है?
A. टी. एन. मनोहरन
B. प्रशांत कुमार
C. आरए शंकर नारायणन
D. मृत्युंजय महापात्रा
E. अतनु कुमार दास

183.पुरस्कार कार्यक्रम शुरू करने के लिए किस बैंक ने एनपीसीआई के साथ भागीदारी की?
A. ओरिएंटल बैंक ऑफ कॉमर्स
B. एसवीसी सहकारी बैंक
C. सारस्वत बैंक

D. कॉस्मॉस बैंक
E. साउथ इंडियन बैंक

184.सतर्कता जागरूकता सप्ताह 2020 का विषय क्या है?
A. इन्टेग्रटी- ए वे ऑफ लाइफ
B. विजीलेंट इंडिया- प्रास्परस इंडिया
C. एरेडिकेट करप्शन -बिल्ड ए न्यू इंडिया
D. माई विजन - करप्शन फ्री इंडिया
E. नो करप्शन – मोर डेवलपमेंट

185.निम्नलिखित में से किस मंत्रालय ने 'ई-धरती जियो पोर्टल' लॉन्च किया है?
A. पृथ्वी विज्ञान मंत्रालय
B. आवास और शहरी मामलों के मंत्रालय
C. गृह मंत्रालय
D. कृषि और किसान कल्याण मंत्रालय
E. विदेश मंत्रालय

186.निम्न में से किसे मंदी मुद्रास्फीति के रूप में भी जाना जाता है?
A. अति-मुद्रास्फीति
B. स्टैगफ्लेशन
C. कोर इन्फ्लेशन
D. प्रत्यवस्फीति
E. हेडलाइन मुद्रास्फीति

187.मुद्रास्फीति को नियंत्रित करने के लिए आरबीआई द्वारा निम्न में से किस विधि का उपयोग नहीं किया जाता है?
A. आरबीआई बाजार में मुद्रा की आपूर्ति को रोकने के लिए बैंक दर/रेपो दर में वृद्धि कर सकता है जिसके परिणामस्वरूप मुद्रास्फीति नियंत्रित हो सकती है।

B. आरबीआई मुद्रास्फीति को नियंत्रित करने के लिए ओपन मार्केट ऑपरेशंस का सहारा ले सकता है।

C. आयकर घटने से मुद्रास्फीति पर अंकुश लग सकता है

D. सरकारी व्यय कम करने से मुद्रास्फीति पर अंकुश लग सकता है

E. उपरोक्त में से कोई नहीं

188.शहरी नियोजन शिक्षा प्रणाली में सुधार करने के लिए नीति आयोग द्वारा गठित 14-सदस्यीय पैनल का प्रमुख कौन होगा?

A. अमिताभ कांत

B. राजीव कुमार

C. वी. के. सारस्वत

D. रमेश चंद

E. वीके पॉल

189.औद्योगिक श्रमिकों के लिए उपभोक्ता मूल्य सूचकांक (CPI-IW) का संशोधित आधार वर्ष क्या है, जो पहले 2001 था?

A. 2010
B. 2012
C. 2014
D. 2016
E. 2020

190.रेटिंग एजेंसी बीएआरसी (BARC) द्वारा पुलिस में शिकायत दर्ज कराने के बाद, हाल ही में मुंबई पुलिस ने कुछ न्यूज़ चैनल के खिलाफ TRP घोटाला का मामला दर्ज किया है। BARC का पूर्ण रूप क्या है?

A. ब्रॉडकास्ट आडियन्स रिसर्च काउंसिल

B. ब्रॉडकास्ट असोसिएशन रिसर्च काउंसिल

C. ब्यूरो ऑफ आडियन्स रिसर्च काउंसिल

D. ब्रॉडकास्टिंग एजेंसी ऑफ रेडियो काउंसिल

E. इनमें से कोई नहीं

191.किस राज्य के समन्वय में ब्यूरो ऑफ एनर्जी एफिशिएंसी (BEE) ने "गो इलेक्ट्रिक" अभियान शुरू किया है?

A. दिल्ली

B. तमिलनाडु

C. महाराष्ट्र

D. आंध्र प्रदेश

E. कर्नाटक

192.किस बैंक ने अपने सालों पुराने ग्राहकों के लिए एक व्यापक बैंकिंग कार्यक्रम शुरू किया है?

A. यस बैंक

B. आईसीआईसीआई बैंक

C. एचडीएफसी बैंक

D. एक्सिस बैंक

E. इंडसइंड बैंक

193.भारत के अगली पीढ़ी के कांटैक्टलेस क्रेडिट कार्डों के लिए किस क्रेडिट कार्ड प्रदाता ने पेटीएम और वीजा के साथ भागीदारी की?

A. आईसीआईसीआई बैंक

B. एचडीएफसी बैंक

C. एसबीआई कार्ड

D. अमेरिकन एक्सप्रेस

E. स्टैंडर्ड चार्टर्ड बैंक

194.कैरेट एक संयुक्त नौसेना अभ्यास है, जो किन दो देशों के बीच आयोजित किया गया?

A. ऑस्ट्रेलिया और बांग्लादेश

B. यूएसए और बांग्लादेश

C. भारत और श्रीलंका

D. ऑस्ट्रेलिया और जापान

E. सिंगापुर और ऑस्ट्रेलिया

195."भारत में टेलीविजन रेटिंग एजेंसियों के दिशानिर्देश" की समीक्षा के लिए सूचना और

प्रसारण मंत्रालय का गठन करने वाली समिति का अध्यक्ष कौन होगा?

A. पीडी वाघेला

B. आरएस शर्मा

C. अमित खरे

D. शशि एस वेम्पति

E. अनिता चुग

196. कौन सा अरब देश पहला राष्ट्रीय चुनाव करने वाला है?

A. कतर

B. सऊदी अरब

C. ओमान

D. कुवैत

E. यूएई

197. 2020-2023 के तीन साल के कार्यकाल हेतु अंतर संसदीय संघ (IPU) के 30वें अध्यक्ष के रूप में किसे चुना गया है?

A. मुहम्मद संजरानी

B. डुटर्टे पाचेको

C. अकमल सैदोव

D. सलमा अताऊल्लाह

E. पूनमबेन हेमतभाई मादम

198. भारत का पहला "टायर पार्क" किस शहर में स्थापित किया जाएगा?

A. मुंबई

B. कोलकाता

C. दिल्ली

D. हैदराबाद

E. बेंगलुरु

199. भारत की पहली सौर ऊर्जा संचालित लघु रेलगाड़ी भारत के किस राज्य में शुरू की गई?

A. केरल

B. कर्नाटक

C. मध्य प्रदेश

D. राजस्थान

E. गुजरात

200. निम्नलिखित में से किसे प्राथमिकता क्षेत्र के रूप में नहीं माना जाता है?

A. कृषि

B. एमएसएमई

C. आवास

D. शिक्षा

E. कॉर्पोरेट

201.
थर्ड पीढ़ी के कंप्यूटर में किसका प्रयोग किया जाता था?

A. वैक्यूम ट्यूब

B. विभिन्न अंश

C. इंटीग्रेटेड सर्किट

D. बायो चिप्स

E. इनमें से कोई भी नहीं

202. एक्सेल में शॉर्टकट कुंजी Ctrl + R का प्रयोग ....के लिए किया जाता है।

A. सेल की सामग्री का दाईं ओर संरेखण करने

B. चयनित सेलों की सेल सामग्रियों को हटाने

C. दाईं ओर सक्रिय सेलों के साथ चयन भरने

D. एक से अधिक पंक्तियों का चयन करने

E. इनमें से कोई नहीं

203. कम्प्यूटर के प्रोसेसर में निम्न में से कौन सा हिस्सा मौजूद होता है?

A. सीपीयू तथा मुख्य मेमोरी

B. हार्ड डिस्क तथा फ्लॉपी ड्राइव

C. मुख्य मेमोरी तथा भण्डारण

D. ऑपरेटिंग सिस्टम तथा एप्लीकेशन्स

E. नियंत्रण इकाई तथा एएलयू

204.निम्नलिखित में से लेन-देन की किस प्रक्रिया को अधिकतम सुरक्षा की आवश्यकता है?

A. त्रुटि सुधार कोड

B. मास्टर फ़ाइल हेरफेर

C. बैच नियंत्रण / लेनदेन

D. सामान्य लेनदेन

E. इनमे से कोई नहीं

205.
शॉर्टकट ,Shift + Delete का प्रयोग किया जाता है?

A. चयनित आइटम को रीसायकल बिन में रखने की बजाय स्थायी रूप से हटा देना

B. चयनित आइटम को कॉपी करने के लिए

C. चयनित आइटम का नाम बदलने के लिए

D. चयनित आइटम का एक शॉर्टकट बनाने के लिए

E. इनमें से कोई नहीं

206.$(1111)_2$ दशमलव तुल्यांक है

A. 11

B. 10

C. 1

D. 15

E. 13

207.कौन सा प्रोटोकॉल विभिन्न होस्ट के बीच ई-मेल की सुविधा प्रदान करता है?

A. एफ.टी.पी

B. एस.एम.टी.पी

C. टेलनेट

D. एस.एन.एम.पी

E. इनमें से कोई नही

208.ग्राफ _____ का संग्रह है |

A. पंक्ति और स्तंभ

B. कोने और किनारे

C. समीकरण

D. पहचान

E. इनमें से कोई नहीं

209.डाटा की इंटेग्रिटी (अखंडता) में बाधा आने का एक कारण है

A. डाटा उपलब्धता पर नियंत्रण

B. डाटा की असंगति

C. डाटा की सुरक्षात्मक नियंत्रण

D. डाटा की अनधिकृत प्रवेश

E. डाटा का फालतूपन

210.निम्न में से कौन सा एक हैंडहेल्ड ऑपरेटिंग सिस्टम है?

A. सुपरकम्प्यूटर

B. पर्सनल कम्प्यूटर

C. लैपटॉप

D. पर्सनल डिजीटल एसिसटेंट

E. इनमें से कोई नहीं

211.कम्प्यूटर मेमरी जो अस्थायी रूप से जानकारी को संग्रहीत करती है _____ कहलाती है।

A. रेम

B. सी.पी.यू

C. रोम

D. आई.बी.एम

E. इनमें से कोई नहीं

212.जब आप कुछ वेब साइटों पर जाते हो तो स्पायवेयर स्वचालित रूप से डाउनलोड हो सकता है। इसे _____ कहा जाता है।

A. डाउनलोड द्वारा चालित

B. लॉजिक बम

C. वायरस

D. ड्राइव में डाउनलोड

E. स्पायबॉट

213.निम्न में से कौन सी शॉर्टकट कुंजी का उपयोग स्पेलिंग (वर्तनी) जांच के लिए किया जाता है?
A. F1
B. F2
C. F7
D. F9
E. इनमें से कोई नहीं

214.कौन सी डाटाबेस बटन तालिका में विशेषरूप से रिकॉर्ड की पहचान करता है
A. प्राइमरी बटन
B. फोरेन बटन
C. सेकेंडरी बटन
D. रिलेशनल बटन
E. इनमें से कोई नहीं

215.ब्रिज OSI मॉडल की किस परत काम करता है?
A. परिवहन परत
B. आवेदन परत
C. डाटा लिंक परत
D. नेटवर्क परत
E. इनमे से कोई नहीं

216.निम्नलिखित में से कौनसा सबसे बड़े से सबसे छोटे क्रम में सामान्य डाटा तत्व को स्थिर करता है ?
A. करैक्टर, फाइल, रिकॉर्ड, फील्ड, डेटाबेस
B. करैक्टर, रिकॉर्ड, फील्ड, फाइल, डेटाबेस
C. करैक्टर, फील्ड, रिकॉर्ड, फाइल, डेटाबेस
D. बिट, बाइट, करैक्टर, रिकॉर्ड, फील्ड, फाइल, डेटाबेस
E. इनमे से कोई नहीं

217.पैकेट संचरण _____ से संबंधित है।
A. आवेदन परत

B. डाटा लिंक परत
C. नेटवर्क परत
D. परिवहन परत
E. इनमे से कोई नहीं

218.एमआईसीआर (MICR) का पूर्ण रूप क्या है ?
A. मैग्नेटिक इंक करेक्टर रजिस्टर (Magnetic Ink Character Register)
B. मैग्नेटिक इंक कोड रीडर (Magnetic Ink Code Reader)
C. मैग्नेटिक इंक कोड रजिस्टर (Magnetic Ink Code Register)
D. मैग्नेटिक इंक करेक्टर रेकोग्निशन (Magnetic Ink Character Recognition)
E. मैग्नेटिक इंक केसिस रीडर (Magnetic Ink Cases Reader)

219._____ एक पूर्व डिज़ाइन दस्तावेज है जो फॉन्ट, लेआउट, तथा पृष्ठभूमि द्वारा पहले से ही समन्वित किया जा चुका है।
A. गाइड
B. मॉडल
C. रूलर
D. टेम्प्लेट
E. डिज़ाइन – प्लेट

220.एक मापक है जिसके माध्यम से सिग्नल की तीव्रता को कम किया जा सकता है।
A. आवृत्ति (Frequency)
B. बैंडविड्थ (Bandwidth)
C. क्षीणता (Attenuation)
D. प्रवर्धन (Amplification)
E. इनमें से कोई नहीं

221.सामान्यीकरण का क्या उद्देश्य है।
A. संबंधों की संख्या को कम करना

B. प्रविष्टियों की संख्या को कम करना

C. तालिकाओं की संख्या को कम करना

D. अतिरिक्तता की संख्या को कम करना

E. इनमें से कोई नहीं

222.स्क्रिप्ट जिसे वेब उपयोगकर्ताओं से मान प्राप्त करने के लिए डिजाइन किया गया है?

A. वेब स्क्रिप्ट

B. पावर c91 स्क्रिप्ट

C. जावा स्क्रिप्ट

D. उपरोक्त सभी

E. इनमें से कोई नहीं

223._____ एसक्यूएल का एक पूर्ण रूप है।

A. स्टैंडर्ड कवेरी लैंग्वेज

B. सिक्वेन्शल कवेरी लैंग्वेज

C. स्ट्रक्चर्ड कवेरी लैंग्वेज

D. सर्वर साइड कवेरी लैंग्वेज

E. इनमें से कोई नहीं

224.एल्गोरिथ्म की ढांचे या प्रतीकात्मक प्रतिनिधित्व को _____ कहा जाता है।

A. डाटा प्रवाह आरेख

B. ई आर आरेख

C. फ़्लोचार्ट

D. सॉफ्टवेयर

E. इनमें से कोई नहीं।

225._____समग्र निगरानी और अनुदेश निष्पादन के समन्वय के लिए जिम्मेदार है।

A. सीपीयू

B. एएलयू

C. रेम

D. कंट्रोल यूनिट

E. इनमें से कोई नहीं

226.RTF का पूरा नाम क्या है?

A. Richer Text Formatting

B. Rich Text Format

C. Right Text Fishing

D. Right Text Font

E. इनमें से कोई नहीं

227.यह एक आउट पुट डिवाइस है जिससे आप देख सकते हैं कि कम्प्यूटर क्या कर रहा हैं?

A. डिस्क -ड्राइव

B. मॉनीटर-स्क्रीन

C. शिफ्ट कुंजी

D. प्रिंटर

E. इनमें से कोई नहीं

228.डीएसएल _____ कनेक्शन का एक उदाहरण है।

A. नेटवर्क

B. वायरलेस

C. स्लो

D. ब्रॉडबैंड

E. इनमे से कोई नहीं।

229.FTP शब्द के लिए पूर्ण रूप है _____.

A. File Transfer Protection

B. File Transit Protocol

C. File Typing Protocol

D. File Transfer Protocol

E. इनमें से कोई नहीं

230.हार्डवेयर डिवाइस जो मुख्य कम्प्यूटर प्रणाली का हिस्सा नहीं है तथा अक्सर बाद में प्रणाली से जोड़े जाते हैं को कहा जाता है।

A. क्लिप आर्ट

B. हाइलाईट

C. एक्सक्यूट

D. पेरीफेरल्स

E. इनमें से कोई नहीं

231._____ प्रोग्राम स्वचालित रूप से लोडेड होता है और ब्राउज़र के एक भाग के रूप में संचालित होता है

A. यूटीलाइस
B. ऐड -ओन्स
C. विदगेट्स
D. प्लग -इन्स
E. इनमे से कोई नहीं

232.इंटरनेट पर वस्तुओं के व्यापार की प्रक्रिया को कहते _____ हैं।

A. ई-सेलिंग-एन बाइंग
B. ई-ट्रेडिंग
C. ई-फाइनेंस
D. ई-सेल्जमैनशिप
E. ई-कॉमर्स

233."प्रत्येक पैकेट जो एक पूर्ण स्रोत और गंतव्य का पता होता है"| यह कथन निम्नलिखित में से किसको इंगित करता है?

A. वर्चुअल सर्किट
B. डाटाग्राम
C. डाटा लिंक
D. ऐफडीडीआई
E. इनमें से कोई नहीं

234.दस्तावेज में टेक्स्ट की लाइन के बीच वर्टिकल स्पेस को कहा जाता है।

A. डबल स्पेस
B. लाइन गैप
C. सिंगल स्पेस
D. वर्टिकल स्पेसिंग
E. लाइन स्पेस

235.क्या होता है जब ऑपरेटिंग सिस्टम रैम में लोड किया जाता है ?

A. कॉपीइंग (Copying)
B. डिवाइस ड्राइविंग (Device driving)
C. बूटिंग (Booting)
D. मल्टीटॉस्किंग (Multitasking)
E. इनमें से कोई नहीं

236.एक वेब पेज में एक शब्द है जिसे जब क्लिक किया जाता है तो वह एक और डॉक्युमेंट _____ खोलता हैं |

A. एंकर
B. हाइपरलिंक
C. संदर्भ
D. यूआरएल
E. इनमें से कोई नहीं

237.____ वायरलेस मोबाइल उपकरणों की तरह वेब और ई-मेलके रूप में इन्टरनेट अपनी सेवा का उपयोग करने की अनुमति देता है .

A. TCP/IP
B. ईथरनेट
C. WAP
D. टोकन रिंग
E. इनमें से कोई नहीं

238.FTP, HTTP से बेहतर है क्योंकि _____
A. यह डाटा ट्रांसमिशन और फ्लो कण्ट्रोल के लिए भिन्न चैनल का प्रयोग करता है
B. यह वेब सर्वर से डाटा ट्रान्सफर करता है
C. यह फाइल सर्वर से डाटा ट्रान्सफर करता है
D. यह प्रयोक्ता के हार्डडिस्क से प्रयोक्ता द्वारा निश्चित स्थान पर फाइल कॉपी करता है
E. इनमें से कोई नहीं

239.उस बटन को क्या कहते हैं जिससे अक्षर अपर या लोअर हो जाते हैं और अंक प्रतीकों में बदल जाते हैं?
A. मॉनीटर

B. शिफ्ट कुंजी

C. आइकन

D. माउस

E. इनमें से कोई नहीं

240.टपल एक ....है।

A. एक टेंपल का कॉलम

B. दो आयामी तालिका

C. एक तालिका की रो

D. एक तालिका की कुंजी

E. इनमें से कोई नहीं

###ANSWERS###
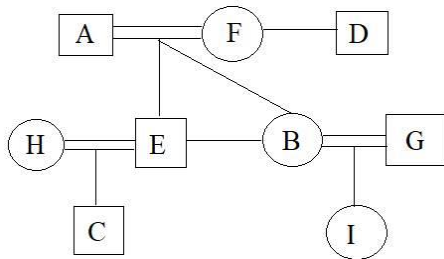
1. Ans. D.

2. Ans. B.

3. Ans. A.

4. Ans. A.

5. Ans. A.

6. Ans. B.

7. Ans. D.
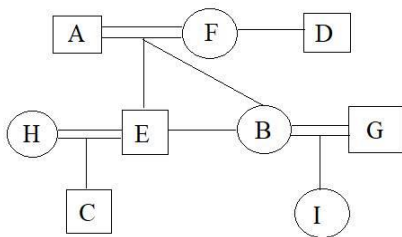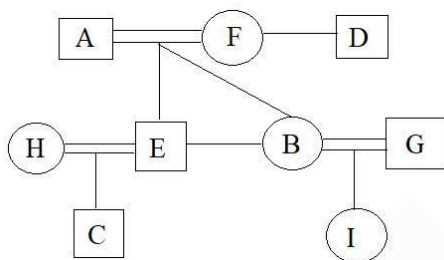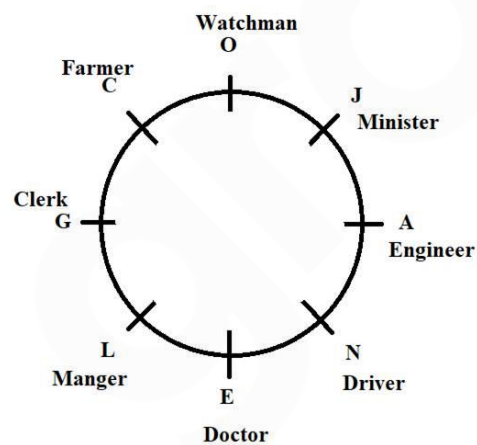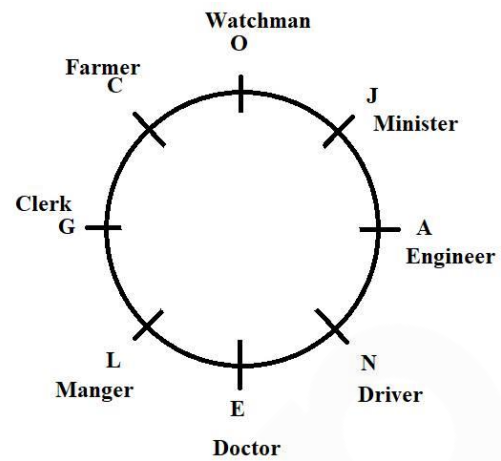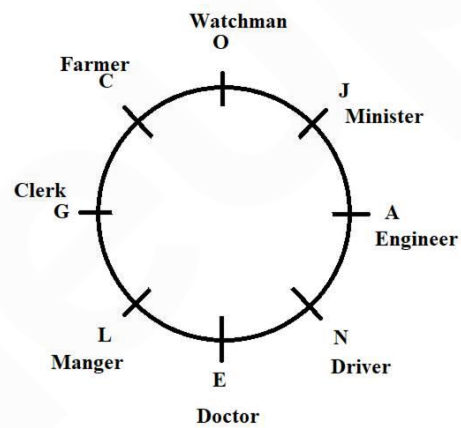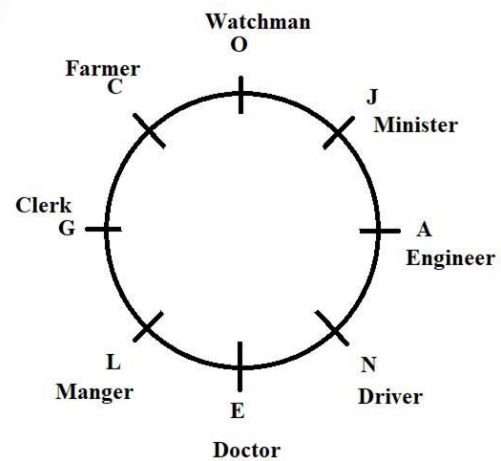

8. Ans. C.
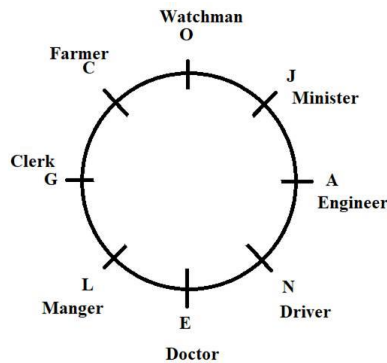
9. Ans. D.

Both are false.
10. Ans. E.

Both are true.
11. Ans. D.

Both are false.
12. Ans. A.

Only A is true.
13. Ans. B.

Only B is true.
14. Ans. C.

E A G E R E S T
F B F F Q F R S
B F F F F Q R S
15. Ans. C.
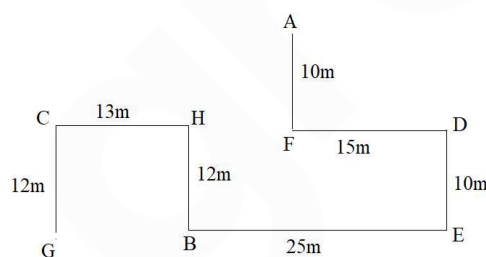
16. Ans. C.
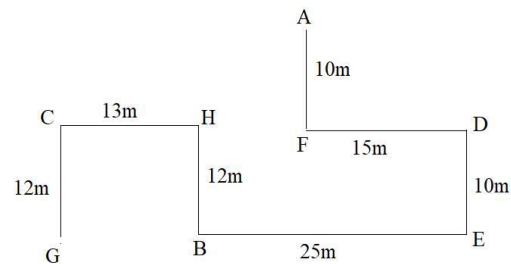
17. Ans. B.

EG = BE + BG = 25 + 13 m = 38 m

18. Ans. E.
Persons: S, K, E, M, Z, Q, P and H
Sports: Table tennis, Basketball, Cricket, Volleyball and Badminton
Localities: L1, L2 and L3
1) Z stays in L1 and plays Basketball and her friend K, who plays Table Tennis stays in L3.
2) E plays Cricket, stays in L2 and his friend H plays Table Tennis and stays in L1 with only one of the other persons.
Here, we are getting that only H and Z live in L1.

Person	Gender	Locality	Sports
S			
K		L3	Table Tennis
E	M	L2	Cricket
M			
Z	F	L1	Basketball
Q			
P			
H		L1	Table Tennis

3) S plays Basketball, and stays with P, who plays Cricket.
4) No two people who plays the same sports stay together.
Here, E plays cricket and he stays in L2, so P stays in L3 with S.

Person	Gender	Locality	Sports
S		L3	Basketball
K		L3	Table Tennis
E	M	L2	Cricket
M			
Z	F	L1	Basketball
Q			
P		L3	Cricket
H		L1	Table Tennis

5) Not more than three of the people stay in L3.

6) No female plays Volleyball or Badminton.

7) Two of them play Table tennis, two play Basketball, two play Cricket and one plays Volleyball and one plays Badminton.

Here, K and H plays Table Tennis, S and Z play Basketball, E and P play cricket.

Person	Gender	Locality	Sports
S		L3	Basketball
K		L3	Table Tennis
E	M	L2	Cricket
M	M	L2	Volleyball/Badminton
Z	F	L1	Basketball
Q	M	L2	Volleyball/Badminton
P		L3	Cricket
H		L1	Table Tennis

8) Two are female and they live in different localities and play different sports.

Here, H will be male as Z is a female staying in L1 and S will be male as both are playing Basketball.

Person	Gender	Locality	Sports
S	M	L3	Basketball
K	M/F	L3	Table Tennis
E	M	L2	Cricket
M	M	L2	Volleyball/Badminton
Z	F	L1	Basketball
Q	M	L2	Volleyball/Badminton
P	M/F	L3	Cricket
H	M	L1	Table Tennis

9) One of the women plays Cricket.
Final Arrangement:

Person	Gender	Locality	Sports
S	M	L3	Basketball
K	M	L3	Table Tennis
E	M	L2	Cricket
M	M	L2	Volleyball/Badminton
Z	F	L1	Basketball
Q	M	L2	Volleyball/Badminton
P	F	L3	Cricket
H	M	L1	Table Tennis

Hence, either M or Q plays Volleyball.

19. Ans. B.
Persons: S, K, E, M, Z, Q, P and H
Sports: Table tennis, Basketball, Cricket, Volleyball and Badminton
Localities: L1, L2 and L3
1) Z stays in L1 and plays Basketball and her friend K, who plays Table Tennis stays in L3.
2) E plays Cricket, stays in L2 and his friend H plays Table Tennis and stays in L1 with only one of the other persons.
Here, we are getting that only H and Z live in L1.

Person	Gender	Locality	Sports
S			
K		L3	Table Tennis
E	M	L2	Cricket
M			
Z	F	L1	Basketball
Q			
P			
H		L1	Table Tennis

3) S plays Basketball, and stays with P, who plays Cricket.
4) No two people who plays the same sports stay together.
Here, E plays cricket and he stays in L2, so P stays in L3 with S.

Person	Gender	Locality	Sports
S		L3	Basketball
K		L3	Table Tennis
E	M	L2	Cricket
M			
Z	F	L1	Basketball
Q			
P		L3	Cricket
H		L1	Table Tennis

5) Not more than three of the people stay in L3.
6) No female plays Volleyball or Badminton.
7) Two of them play Table tennis, two play Basketball, two play Cricket and one plays Volleyball and one plays Badminton.
Here, K and H plays Table Tennis, S and Z play Basketball, E and P play cricket.

Person	Gender	Locality	Sports
S		L3	Basketball
K		L3	Table Tennis
E	M	L2	Cricket
M	M	L2	Volleyball/Badminton
Z	F	L1	Basketball
Q	M	L2	Volleyball/Badminton
P		L3	Cricket
H		L1	Table Tennis

8) Two are female and they live in different localities and play different sports.

Here, H will be male as Z is a female staying in L1 and S will be male as both are playing Basketball.

Person	Gender	Locality	Sports
S	M	L3	Basketball
K	M/F	L3	Table Tennis
E	M	L2	Cricket
M	M	L2	Volleyball/Badminton
Z	F	L1	Basketball
Q	M	L2	Volleyball/Badminton
P	M/F	L3	Cricket
H	M	L1	Table Tennis

9) One of the women plays Cricket.
Final Arrangement:

Person	Gender	Locality	Sports
S	M	L3	Basketball
K	M	L3	Table Tennis
E	M	L2	Cricket
M	M	L2	Volleyball/Badminton
Z	F	L1	Basketball
Q	M	L2	Volleyball/Badminton
P	F	L3	Cricket
H	M	L1	Table Tennis

Hence, M lives in L2 locality.
20. Ans. C.
Persons: S, K, E, M, Z, Q, P and H
Sports: Table tennis, Basketball, Cricket, Volleyball and Badminton
Localities: L1, L2 and L3

1) Z stays in L1 and plays Basketball and her friend K, who plays Table Tennis stays in L3.
2) E plays Cricket, stays in L2 and his friend H plays Table Tennis and stays in L1 with only one of the other persons.

Here, we are getting that only H and Z live in L1.

Person	Gender	Locality	Sports
S			
K		L3	Table Tennis
E	M	L2	Cricket
M			
Z	F	L1	Basketball
Q			
P			
H		L1	Table Tennis

3) S plays Basketball, and stays with P, who plays Cricket.
4) No two people who plays the same sports stay together.

Here, E plays cricket and he stays in L2, so P stays in L3 with S.

Person	Gender	Locality	Sports
S		L3	Basketball
K		L3	Table Tennis
E	M	L2	Cricket
M			
Z	F	L1	Basketball
Q			
P		L3	Cricket
H		L1	Table Tennis

5) Not more than three of the people stay in L3.
6) No female plays Volleyball or Badminton.
7) Two of them play Table tennis, two play Basketball, two play Cricket and one plays Volleyball and one plays Badminton.

Here, K and H plays Table Tennis, S and Z play Basketball, E and P play cricket.

Person	Gender	Locality	Sports
S		L3	Basketball
K		L3	Table Tennis
E	M	L2	Cricket
M	M	L2	Volleyball/Badminton
Z	F	L1	Basketball
Q	M	L2	Volleyball/Badminton
P		L3	Cricket
H		L1	Table Tennis

8) Two are female and they live in different localities and play different sports.

Here, H will be male as Z is a female staying in L1 and S will be male as both are playing Basketball.

Person	Gender	Locality	Sports
S	M	L3	Basketball
K	M/F	L3	Table Tennis
E	M	L2	Cricket
M	M	L2	Volleyball/Badminton
Z	F	L1	Basketball
Q	M	L2	Volleyball/Badminton
P	M/F	L3	Cricket
H	M	L1	Table Tennis

9) One of the women plays Cricket.
Final Arrangement:

Person	Gender	Locality	Sports
S	M	L3	Basketball
K	M	L3	Table Tennis
E	M	L2	Cricket
M	M	L2	Volleyball/Badminton
Z	F	L1	Basketball
Q	M	L2	Volleyball/Badminton
P	F	L3	Cricket
H	M	L1	Table Tennis

Hence, P is a female.
21. Ans. E.
Persons: S, K, E, M, Z, Q, P and H
Sports: Table tennis, Basketball, Cricket, Volleyball and Badminton
Localities: L1, L2 and L3
1) Z stays in L1 and plays Basketball and her friend K, who plays Table Tennis stays in L3.
2) E plays Cricket, stays in L2 and his friend H plays Table Tennis and stays in L1 with only one of the other persons.
Here, we are getting that only H and Z live in L1.

Person	Gender	Locality	Sports
S			
K		L3	Table Tennis
E	M	L2	Cricket
M			
Z	F	L1	Basketball
Q			
P			
H		L1	Table Tennis

3) S plays Basketball, and stays with P, who plays Cricket.
4) No two people who plays the same sports stay together.
Here, E plays cricket and he stays in L2, so P stays in L3 with S.

Person	Gender	Locality	Sports
S		L3	Basketball
K		L3	Table Tennis
E	M	L2	Cricket
M			
Z		F	L1	Basketball
Q			
P		L3	Cricket
H		L1	Table Tennis

5) Not more than three of the people stay in L3.
6) No female plays Volleyball or Badminton.
7) Two of them play Table tennis, two play Basketball, two play Cricket and one plays Volleyball and one plays Badminton.
Here, K and H plays Table Tennis, S and Z play Basketball, E and P play cricket.

Person	Gender	Locality	Sports
S		L3	Basketball
K		L3	Table Tennis
E	M	L2	Cricket
M	M	L2	Volleyball/Badminton
Z	F	L1	Basketball
Q	M	L2	Volleyball/Badminton
P		L3	Cricket
H		L1	Table Tennis

8) Two are female and they live in different localities and play different sports.
Here, H will be male as Z is a female staying in L1 and S will be male as both are playing Basketball.

Person	Gender	Locality	Sports
S	M	L3	Basketball
K	M/F	L3	Table Tennis
E	M	L2	Cricket
M	M	L2	Volleyball/Badminton
Z	F	L1	Basketball
Q	M	L2	Volleyball/Badminton
P	M/F	L3	Cricket
H	M	L1	Table Tennis

9) One of the women plays Cricket.
Final Arrangement:

Person	Gender	Locality	Sports
S	M	L3	Basketball
K	M	L3	Table Tennis
E	M	L2	Cricket
M	M	L2	Volleyball/Badminton
Z	F	L1	Basketball
Q	M	L2	Volleyball/Badminton
P	F	L3	Cricket
H	M	L1	Table Tennis

Hence, Q - L2 is the correct pair.
22. Ans. B.

Persons: S, K, E, M, Z, Q, P and H
Sports: Table tennis, Basketball, Cricket, Volleyball and Badminton
Localities: L1, L2 and L3
1) Z stays in L1 and plays Basketball and her friend K, who plays Table Tennis stays in L3.
2) E plays Cricket, stays in L2 and his friend H plays Table Tennis and stays in L1 with only one of the other persons.
Here, we are getting that only H and Z live in L1.

Person	Gender	Locality	Sports
S			
K		L3	Table Tennis
E	M	L2	Cricket
M			
Z	F	L1	Basketball
Q			
P			
H		L1	Table Tennis

3) S plays Basketball, and stays with P, who plays Cricket.
4) No two people who plays the same sports stay together.
Here, E plays cricket and he stays in L2, so P stays in L3 with S.

Person	Gender	Locality	Sports
S		L3	Basketball
K		L3	Table Tennis
E	M	L2	Cricket
M			
Z	F	L1	Basketball
Q			
P		L3	Cricket
H		L1	Table Tennis

5) Not more than three of the people stay in L3.
6) No female plays Volleyball or Badminton.
7) Two of them play Table tennis, two play Basketball, two play Cricket and one plays Volleyball and one plays Badminton.
Here, K and H plays Table Tennis, S and Z play Basketball, E and P play cricket.

Person	Gender	Locality	Sports
S		L3	Basketball
K		L3	Table Tennis
E	M	L2	Cricket
M	M	L2	Volleyball/Badminton
Z	F	L1	Basketball
Q	M	L2	Volleyball/Badminton
P		L3	Cricket
H		L1	Table Tennis

8) Two are female and they live in different localities and play different sports.
Here, H will be male as Z is a female staying in L1 and S will be male as both are playing Basketball.

Person	Gender	Locality	Sports
S	M	L3	Basketball
K	M/F	L3	Table Tennis
E	M	L2	Cricket
M	M	L2	Volleyball/Badminton
Z	F	L1	Basketball
Q	M	L2	Volleyball/Badminton
P	M/F	L3	Cricket
H	M	L1	Table Tennis

9) One of the women plays Cricket.
Final Arrangement:

Person	Gender	Locality	Sports
S	M	L3	Basketball
K	M	L3	Table Tennis
E	M	L2	Cricket
M	M	L2	Volleyball/Badminton
Z	F	L1	Basketball
Q	M	L2	Volleyball/Badminton
P	F	L3	Cricket
H	M	L1	Table Tennis

Hence, one of the persons who stays in L2 plays Volleyball.
23. Ans. A.

Words	Coded
SKY	kl
CLOUD	dc
RAIN	nr
WHITE	te
BLUE	be
BOW	wx
GREEN	gy

24. Ans. B.

Words	Coded
SKY	kl
CLOUD	dc
RAIN	nr
WHITE	te
BLUE	be
BOW	wx
GREEN	gy

25. Ans. D.

Words	Coded
SKY	kl
CLOUD	dc
RAIN	nr
WHITE	te
BLUE	be
BOW	wx
GREEN	gy

26. Ans. C.

The code *te* is known as "WHITE".

Words	Coded
SKY	kl
CLOUD	dc
RAIN	nr
WHITE	te
BLUE	be
BOW	wx
GREEN	gy

27. Ans. C.

Words	Coded
SKY	kl
CLOUD	dc
RAIN	nr
WHITE	te
BLUE	be
BOW	wx
GREEN	gy

28. Ans. D.

1st, 3rd, 4th and 8th letters of the word TENTACLES are T, N, T and E.
The words are TENT and NETT.

29. Ans. B.

30. Ans. A.

31. Ans. B.

32. Ans. C.

33. Ans. B.

34. Ans. C.

Given,
Input: 3456 6576 2987 2387 5176 7852
Step I: 711 1113 1115 515 613 157
Step II: 72 33 35 101 613 157

Step III: 9 6 8 2 10 13
Step IV: 18 12 16 04 20 26

Following the same rules,
Input: 2356 7654 1288 2376 1209 2356 9865
Step I: 511 139 316 513 39 511 1711
Step II: 52 139 316 513 39 52 172
Step III: 7 13 10 09 12 07 10
Step IV: 14 26 20 18 24 14 20
35. Ans. B.

Given,
Input: 3456 6576 2987 2387 5176 7852
Step I: 711 1113 1115 515 613 157
Step II: 72 33 35 101 613 157
Step III: 9 6 8 2 10 13
Step IV: 18 12 16 04 20 26
Following the same rules,
Input: 2356 7654 1288 2376 1209 2356 9865
Step I: 511 139 316 513 39 511 1711
Step II: 52 139 316 513 39 52 172
Step III: 7 13 10 09 12 07 10
Step IV: 14 26 20 18 24 14 20
36. Ans. C.

Given,
Input: 3456 6576 2987 2387 5176 7852
Step I: 711 1113 1115 515 613 157
Step II: 72 33 35 101 613 157
Step III: 9 6 8 2 10 13
Step IV: 18 12 16 04 20 26
Following the same rules,
Input: 2356 7654 1288 2376 1209 2356 9865
Step I: 511 139 316 513 39 511 1711
Step II: 52 139 316 513 39 52 172
Step III: 7 13 10 09 12 07 10
Step IV: 14 26 20 18 24 14 20
The largest number of steps I and IV are 1711 and 26.
The difference is 1685
37. Ans. C.

Given,

Input: 3456 6576 2987 2387 5176 7852
Step I: 711 1113 1115 515 613 157
Step II: 72 33 35 101 613 157
Step III: 9 6 8 2 10 13
Step IV: 18 12 16 04 20 26
Following the same rules,
Input: 2356 7654 1288 2376 1209 2356 9865
Step I: 511 139 316 513 39 511 1711
Step II: 52 139 316 513 39 52 172
Step III: 7 13 10 09 12 07 10
Step IV: 14 26 20 18 24 14 20
Required sum = 7 + 13 + 10 + 09 + 12 + 07 + 10 = 68
38. Ans. B.

Given,
Input: 3456 6576 2987 2387 5176 7852
Step I: 711 1113 1115 515 613 157
Step II: 72 33 35 101 613 157
Step III: 9 6 8 2 10 13
Step IV: 18 12 16 04 20 26
Following the same rules,
Input: 2356 7654 1288 2376 1209 2356 9865
Step I: 511 139 316 513 39 511 1711
Step II: 52 139 316 513 39 52 172
Step III: 7 13 10 09 12 07 10
Step IV: 14 26 20 18 24 14 20
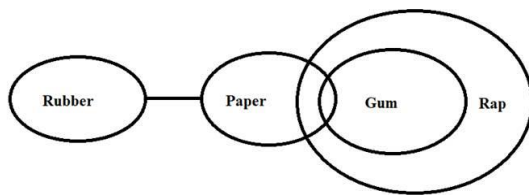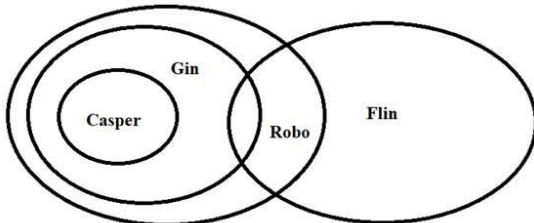Three numbers remained unchanged in step II as were in step I.
39. Ans. A.
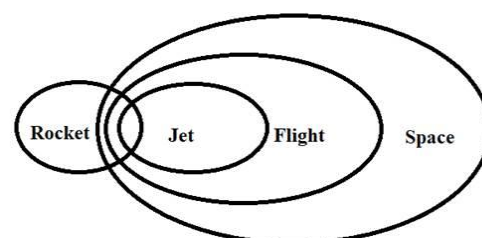
40. Ans. D.

41. Ans. B.

42. Ans. B.

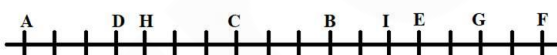**43. Ans. A.**
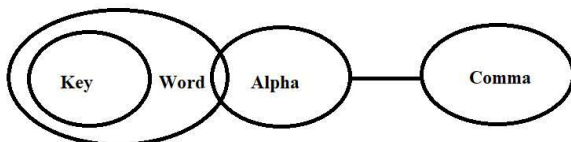
44. Ans. A.
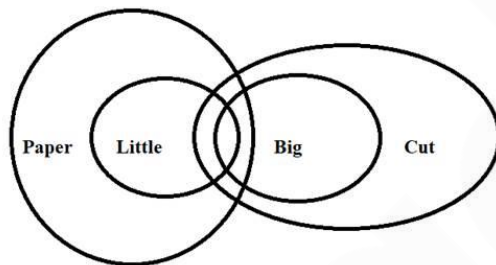
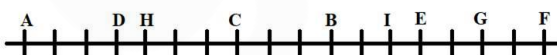

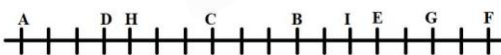**45. Ans. A.**
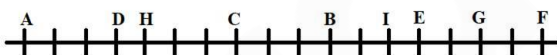
46. Ans. C.

47. Ans. B.

48. Ans. B.

49. Ans. D.

50. Ans. E.

Given,
ABLE RABI SOFI BLUE RACE

After arrangement,
EBLA RIBA SIFO BLEU RECA
No meaningful word is formed.

51. Ans. D.

Given,
ABLE RABI SOFI BLUE RACE
After arrangement,
ABLE BLUE RABI RACE SOFI
Thus, third to the left of the fifth letter from the right of the newly formed series = R

52. Ans. B.

Given,
ABLE RABI SOFI BLUE RACE
After arrangement,
ABLE ABIR FIOS BELU ACER

53. Ans. D.

Given,
ABLE RABI SOFI BLUE RACE
After arrangement,
EBLA IABR IOFS ELUB EACR
No meaningful word can be formed.

54. Ans. A.

Given,
ABLE RABI SOFI BLUE RACE
After arrangement,
ABLE BLUE RACE RABI SOFI
Hence, position of one word is unchanged.

55. Ans. D.

56. Ans. D.

1. The one, who is born in March, lives on an odd-numbered floor above the third floor.

2. Three people live between the one, who is born in March and E, who lives below the third floor.

3. Four people live between E and the one, who is born in May.

4. Two people live between the one, who is born in May and K, who is born before May.

8		
7		
6		May
5		March
4		
3	K	
2		
1	E	

5. Four people live between K, who lives above J, and F, who is younger than E.
6. The youngest one lives near F, who lives above T.
7. Four people live between the oldest and the youngest ones.

8	F	
7		August
6		May
5		March
4		
3	K	
2		January
1	E	

8. Three people live between M and the oldest one.
9. Z lives immediately above Y, who is born immediately after J.
(Refer points 5 and 6)
(Refer point 9)
(Refer point 4)
(Refer point 5)

8	F	July
7	T	August
6	M	May
5	Z	March
4	Y	February
3	K	April
2	J	January
1	E	June

Hence, the required answer is 'six'.
57. Ans. C.
1. The one, who is born in March, lives on an odd-numbered floor above the third floor.
2. Three people live between the one, who is born in March and E, who lives below the third floor.
3. Four people live between E and the one, who is born in May.
4. Two people live between the one, who is born in May and K, who is born before May.

8		
7		
6		May
5		March
4		
3	K	
2		
1	E	

5. Four people live between K, who lives above J, and F, who is younger than E.
6. The youngest one lives near F, who lives above T.
7. Four people live between the oldest and the youngest ones.

8	F	
7		August
6		May
5		March
4		
3	K	
2		January
1	E	

8. Three people live between M and the oldest one.
9. Z lives immediately above Y, who is born immediately after J.
(Refer points 5 and 6)
(Refer point 9)
(Refer point 4)
(Refer point 5)

8	F	July
7	T	August
6	M	May
5	Z	March
4	Y	February
3	K	April
2	J	January
1	E	June

Hence, the one, who is older than T i.e. E, lives on the ground floor.
58. Ans. B.
1. The one, who is born in March, lives on an odd-numbered floor above the third floor.
2. Three people live between the one, who is born in March and E, who lives below the third floor.
3. Four people live between E and the one, who is born in May.

4. Two people live between the one, who is born in May and K, who is born before May.

8		
7		
6		May
5		March
4		
3	K	
2		
1	E	

5. Four people live between K, who lives above J, and F, who is younger than E.
6. The youngest one lives near F, who lives above T.
7. Four people live between the oldest and the youngest ones.

8	F	
7		August
6		May
5		March
4		
3	K	
2		January
1	E	

8. Three people live between M and the oldest one.
9. Z lives immediately above Y, who is born immediately after J.
(Refer points 5 and 6)
(Refer point 9)
(Refer point 4)
(Refer point 5)

8	F	July
7	T	August
6	M	May
5	Z	March
4	Y	February
3	K	April
2	J	January
1	E	June

Hence, the required answer is 'August'.

59. Ans. C.

1. The one, who is born in March, lives on an odd-numbered floor above the third floor.

2. Three people live between the one, who is born in March and E, who lives below the third floor.

3. Four people live between E and the one, who is born in May.

4. Two people live between the one, who is born in May and K, who is born before May.

8		
7		
6		May
5		March
4		
3	K	
2		
1	E	

5. Four people live between K, who lives above J, and F, who is younger than E.

6. The youngest one lives near F, who lives above T.

7. Four people live between the oldest and the youngest ones.

8	F	
7		August
6		May
5		March
4		
3	K	
2		January
1	E	

8. Three people live between M and the oldest one.

9. Z lives immediately above Y, who is born immediately after J.

(Refer points 5 and 6)

(Refer point 9)

(Refer point 4)

(Refer point 5)

8	F	July
7	T	August
6	M	May
5	Z	March
4	Y	February
3	K	April
2	J	January
1	E	June

Hence, the required answer is 'four'.

60. Ans. E.

1. The one, who is born in March, lives on an odd-numbered floor above the third floor.

2. Three people live between the one, who is born in March and E, who lives below the third floor.

3. Four people live between E and the one, who is born in May.

4. Two people live between the one, who is born in May and K, who is born before May.

8		
7		
6		May
5		March
4		
3	K	
2		
1	E	

5. Four people live between K, who lives above J, and F, who is younger than E.
6. The youngest one lives near F, who lives above T.
7. Four people live between the oldest and the youngest ones.

8	F	
7		August
6		May
5		March
4		
3	K	
2		January
1	E	

8. Three people live between M and the oldest one.
9. Z lives immediately above Y, who is born immediately after J.
(Refer points 5 and 6)
(Refer point 9)
(Refer point 4)
(Refer point 5)

8	F	July
7	T	August
6	M	May
5	Z	March
4	Y	February
3	K	April
2	J	January
1	E	June

Hence, only K is born in the month of 30 days.

61. Ans. C.
$(64 \times 15) \div 4^2 = (? \div 6) + 25$
$\Rightarrow 960 \div 16 = (? \div 6) + 25$
$\Rightarrow 60 - 25 = (? \div 6)$
$\Rightarrow ? = 6 \times 35$
$\Rightarrow ? = 210$

62. Ans. D.
(45% of 840) − (? × 3) = (125% of 60)
$\Rightarrow 378 - (? \times 3) = 75$
$\Rightarrow (? \times 3) = 378 - 75$
$\Rightarrow (? \times 3) = 303$
$\Rightarrow ? = 101$

63. Ans. A.
$\sqrt{1296} \div 9 + (12.5 \times 6) = ? - 41$
$\Rightarrow 36 \div 9 + 75 = ? - 41$
$\Rightarrow 4 + 75 + 41 = ?$
$\Rightarrow ? = 120$

64. Ans. D.
(60% of ?) + (150% of 320) = (150 × 4)
$\Rightarrow ? \times 0.60 + 480 = 600$
$\Rightarrow ? \times 0.60 = 120$
$\Rightarrow ? = 200$

65. Ans. C.
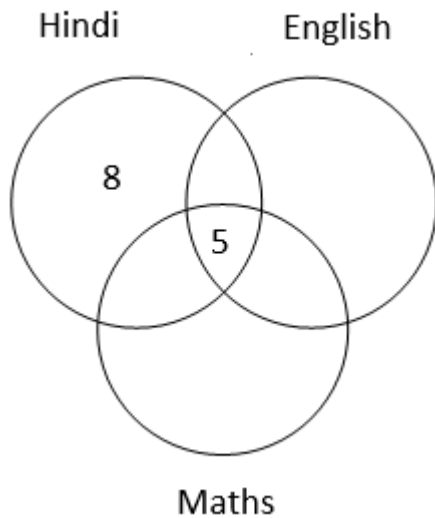$(315 \div 7) - (288 \div 16) = ? \times 3^2$
$\Rightarrow 45 - 18 = ? \times 9$
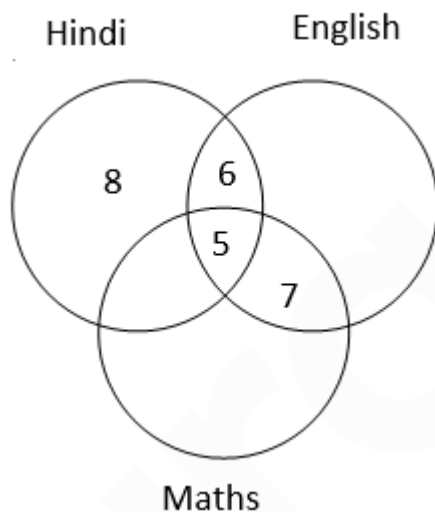$\Rightarrow 27 \div 9 = ?$
$\Rightarrow ? = 3$

66. Ans. B.
The number of teachers teaches all three subjects = 5
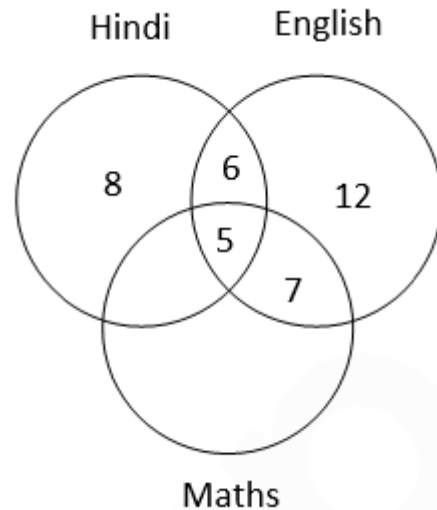
The number of teachers teaches only Hindi = 8

Hindi   English

8

5

Maths

The number of teachers teaches only Maths and English = 7
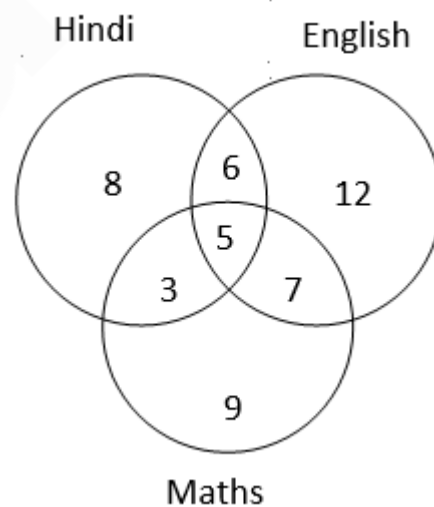
The number of teachers teaches only Hindi and English = 6

Hindi   English

8   6

5

7

Maths

The number of teachers teaches English = 30

The number of teachers teaches only English = 30 − 6 − 5 − 7 = 12

Hindi   English

8   6   12

5

7

Maths

The number of teachers teaches only Maths = 12 − 3 = 9

The number of teachers teaches only Maths and Hindi = 50 − (8 + 6 + 12 + 5 + 7 + 9) = 3

Hindi   English

8   6   12

5

3   7

9

Maths

The number of teachers teaching only Maths = 9

Hence, option B is correct.

67. Ans. A.

The number of teachers teaches all three subjects = 5

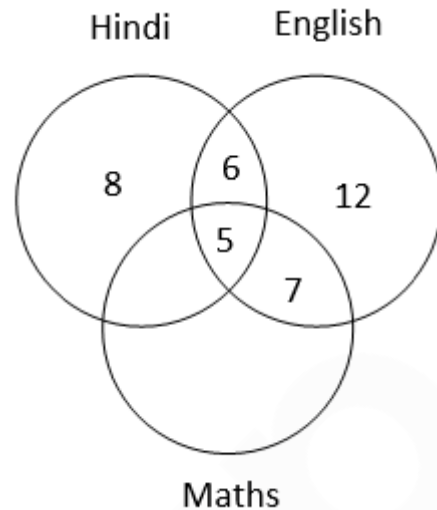The number of teachers teaches only Hindi = 8

Hindi   English

8

5

Maths

Hindi   English

8   6   12

5

7

Maths

The number of teachers teaches only
Maths and English = 7
The number of teachers teaches only
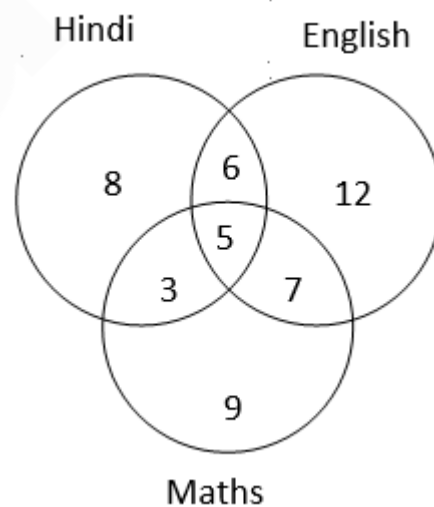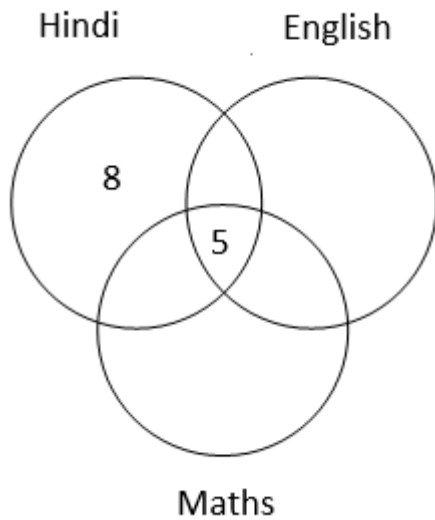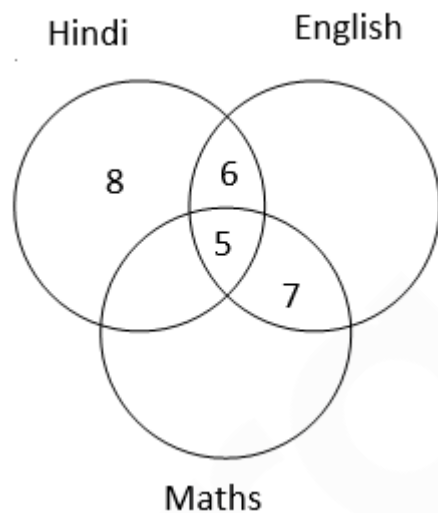Hindi and English = 6

Hindi   English

8   6

5

7
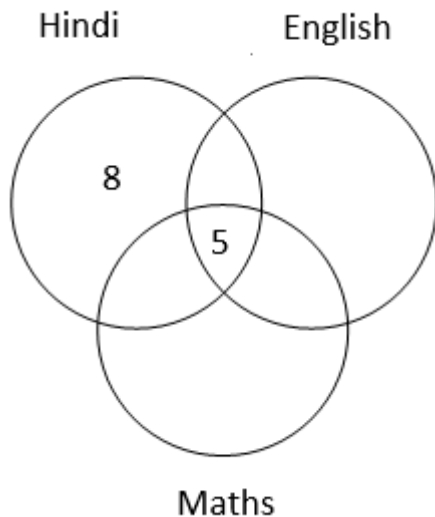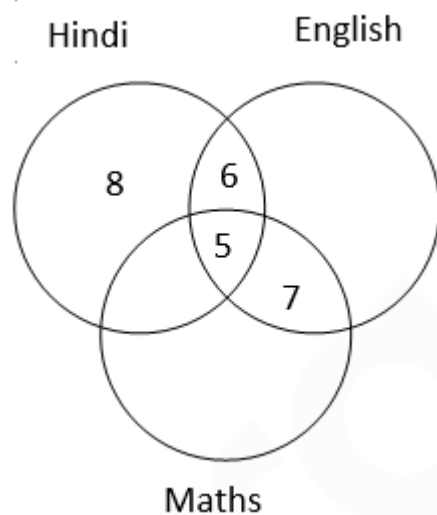
Maths

The number of teachers teaches
English = 30
The number of teachers teaches only
English = 30 – 6 – 5 – 7 = 12

The number of teachers teaches only
Maths = 12 – 3 = 9
The number of teachers teaches only
Maths and Hindi = 50 – (8 + 6 + 12
+ 5 + 7 + 9) = 3

Hindi   English

8   6   12

5

3   7

9

Maths

Required ratio = 12 : 8 = 3 : 2
Hence, option A is correct.
68. Ans. B.
The number of teachers teaches all
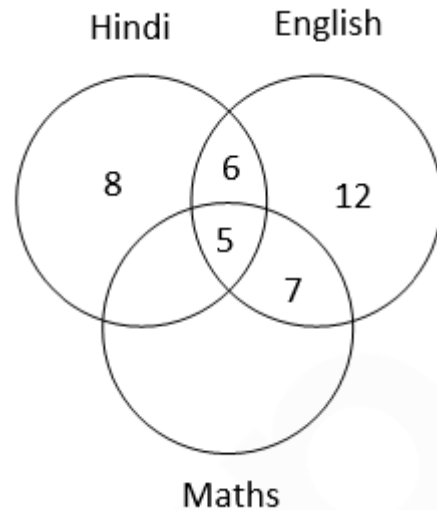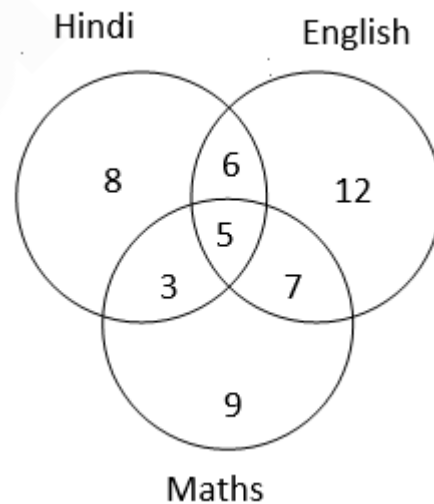three subjects = 5
The number of teachers teaches only
Hindi = 8

Hindi   English

8

5

Maths

The number of teachers teaches only
Maths and English = 7
The number of teachers teaches only
Hindi and English = 6

Hindi   English

8   6

5

7

Maths

The number of teachers teaches
English = 30
The number of teachers teaches only
English = 30 − 6 − 5 − 7 = 12

Hindi   English

8   6   12

5

7

Maths

The number of teachers teaches only
Maths = 12 − 3 = 9
The number of teachers teaches only
Maths and Hindi = 50 − (8 + 6 + 12
+ 5 + 7 + 9) = 3

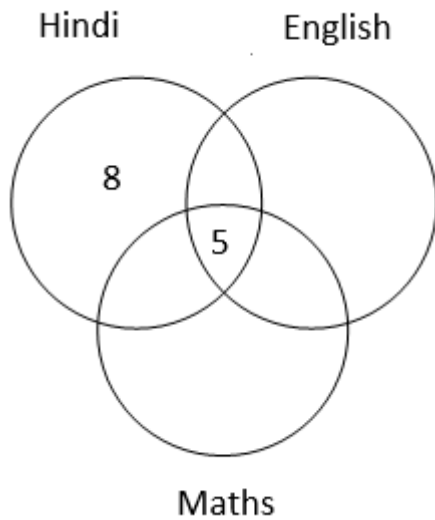Hindi   English

8   6   12

5

3   7

9

Maths

The number of teachers teaches Hindi
= 8 + 6 + 5 + 3 = 22
Hence, option B is correct.
69. Ans. C.
The number of teachers teaches all
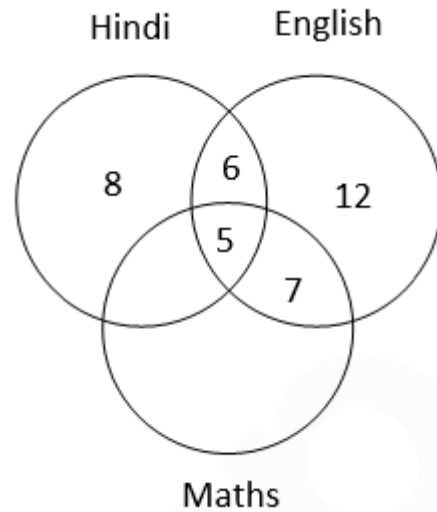three subjects = 5
The number of teachers teaches only
Hindi = 8

Hindi   English

8

5

Maths

The number of teachers teaches only Maths and English = 7
The number of teachers teaches only Hindi and English = 6

Hindi   English

8   6

5
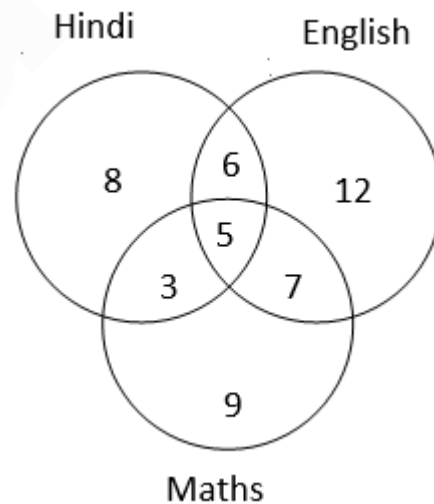
7

Maths

The number of teachers teaches English = 30
The number of teachers teaches only English = 30 − 6 − 5 − 7 = 12

Hindi   English

8   6   12

5

7

Maths

The number of teachers teaches only Maths = 12 − 3 = 9
The number of teachers teaches only Maths and Hindi = 50 − (8 + 6 + 12 + 5 + 7 + 9) = 3
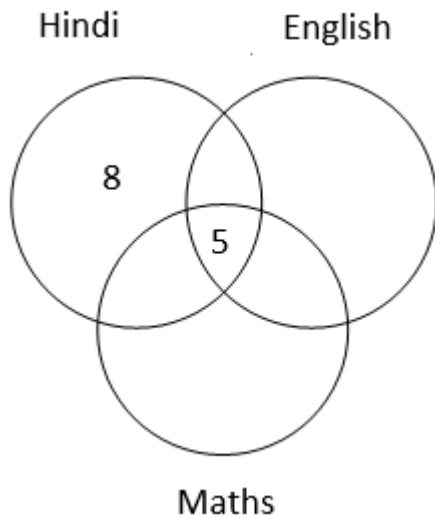
Hindi   English

8   6   12

5

3   7

9

Maths

Required percentage = $\frac{6}{12} \times 100$ = 50%
Hence, option C is correct.
70. Ans. D.
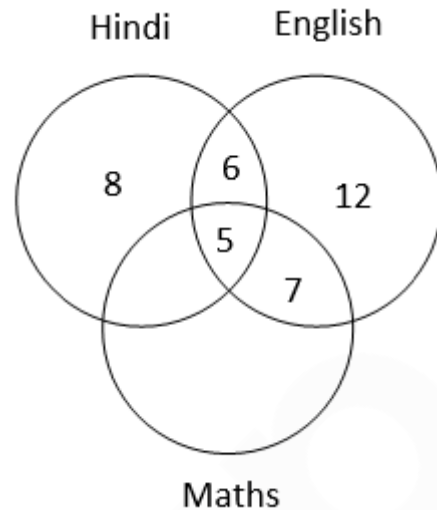The number of teachers teaches all three subjects = 5
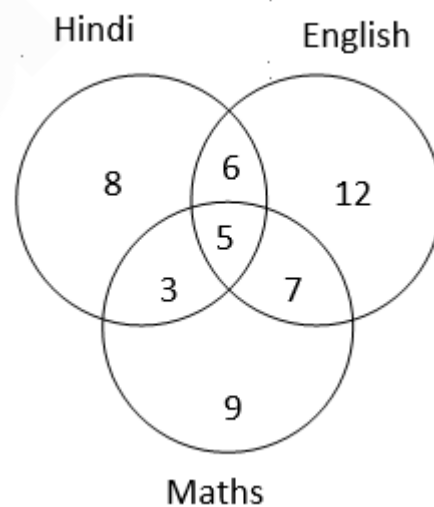
The number of teachers teaches only Hindi = 8

Hindi   English

8

5

Maths

The number of teachers teaches only Maths and English = 7

The number of teachers teaches only Hindi and English = 6

Hindi   English

8   6

5

7

Maths

The number of teachers teaches English = 30

The number of teachers teaches only English = 30 − 6 − 5 − 7 = 12

Hindi   English

8   6

12

5

7

Maths

The number of teachers teaches only Maths = 12 − 3 = 9

The number of teachers teaches only Maths and Hindi = 50 − (8 + 6 + 12 + 5 + 7 + 9) = 3

Hindi   English

8   6   12

5

3   7

9
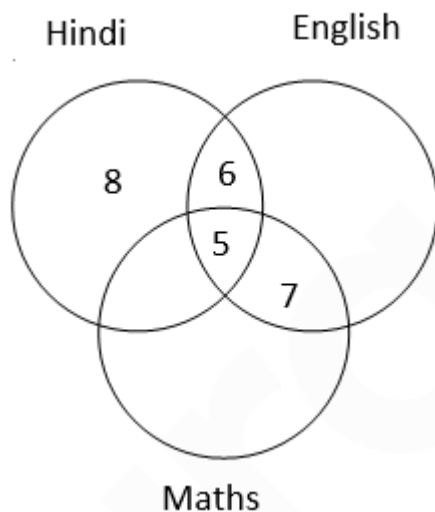
Maths

The number of teachers who teach Maths = 5 + 7 + 9 + 3 = 24

The number of male teachers who teach Maths = $\dfrac{24}{8} \times 5$ = 15

The number of female teachers who teach Maths = $\dfrac{24}{8} \times 3$ = 9

Required difference = 15 − 9 = 6
Hence, option D is correct.
71. Ans. C.
Ajay saves Rs. 6144 that is 40% of his salary.

Ajay's salary = $\frac{6144}{40} \times 100$ = Rs. 15360

Let the salary of Dhani = Rs. x
According to the question,
x × 0.15% = 15360 × 0.20
⇒ x × 0.15 = 3072

⇒ x = $\frac{3072}{0.15}$ = 20480

Dhani's salary = Rs. 20480

Girish's salary = $\frac{20480}{80} \times 100$ = Rs. 25600

Hence, option C is correct.
72. Ans. B.
Let the cost price of the goods = Rs. 100
Marked price of the goods = 100 × 140% = Rs. 140
Let the quantity of the goods = 100 kg
According to the data provided in the question,
Total selling price = (140 × 100 × 0.30) + (140 × 0.80 × 100 × 0.25) + (140 × 0.60 × 100 × 0.45)
= 4200 + 2800 + 3780 = Rs. 10780
Total cost price of the goods =100 × 100 = Rs. 10000
Total profit earned = 10780 − 10000 = Rs. 780

Profit percent = $\frac{780}{10000} \times 100$ = 7.8%

Hence, option B is correct.
73. Ans. C.
Let the amount invested in scheme A and scheme B is Rs. x and Rs. y.
According to the data provided in the question, we get:

$\frac{x \times 0.12 \times 2}{y \times 0.15 \times 2} = \frac{6}{5}$

Or, $\frac{x}{y} = \frac{3}{2}$

Required ratio of the sum = 3 : 2
Hence, option C is correct.
74. Ans. A.
Profit share ratio of A, B and C = 16800 × 6 : 8400 × 9 : 25200 × 5
= 4 : 3 : 5
A's extra profit = 5% of 12000 = Rs. 600
Remaining profit share of A, B and C = 12000 − 600 = Rs. 11400

Profit share of B = $\frac{11400}{12} \times 3$ = Rs. 2850

Hence, option A is correct.
75. Ans. C.
Let the speed of the current = y km/h
According to the data provided in the question, we get:

$\frac{144}{28 + y} = \frac{108}{28 - y}$

⇒ 144(28 − y) = 108(28 + y)
⇒ 144 × 28 − 144y = 108 × 28 + 108y
⇒ 144 × 28 − 108 × 28 = 144y + 108y
⇒ 36 × 28 = 252y
⇒ y = 4
Speed of the stream = 4 km/h
Hence, option C is correct.
76. Ans. C.
By approximation, we get:

? = $\left(650\% \text{ of } \frac{100}{13} + 25 \times 12\right) - 119$

⇒ ? = (50 + 300) − 119
⇒ ? = 231 ≈ 230
Hence, option C is correct.
77. Ans. B.
By approximation, we get:
240 + ?² = 130 + 16 × 9
⇒ 240 + ?²= 130 + 144
⇒ ?² = 34
⇒ ? = 6
Hence, option B is correct.
78. Ans. D.
By approximation, we get:
198 ÷ 9 × 5 = ? + 25
⇒ 110 − 25 = ?

⇒ ? = 85
Hence, option D is correct.
79. Ans. B.
By approximation, we get:
$?^2 \times 24 + 144 \, t = 45 \times 8$
⇒ $?^2 \times 24 + 144 = 360$
⇒ $?^2 \times 24 = 216$
⇒ $?^2 = 9$
⇒ ? = 3
Hence, option B is correct.
80. Ans. D.
By approximation, we get:
$256 \div 8 + 108 = ? \times 35$
⇒ $32 + 108 = ? \times 35$
⇒ $140 = ? \times 35$
⇒ ? = 4
Hence, option D is correct.
81. Ans. A.
Number of employees in Acting = 1200 × 15% = 180
Number of employees in Teaching = 1200 × 25% = 300
Number of employees in Management = 1200 × 21% = 252
Number of employees in Medical = 1200 × 12% = 144
Number of employees in Engineering = 1200 × 27% = 324

The sum of the number of employees in acting and medical profession together = 180 + 144 = 324
The number of employees in teaching profession = 300
Required difference = 324 – 300 = 24
Hence, option A is correct.
82. Ans. C.
Number of employees in Acting = 1200 × 15% = 180
Number of employees in Teaching = 1200 × 25% = 300
Number of employees in Management = 1200 × 21% = 252
Number of employees in Medical = 1200 × 12% = 144
Number of employees in Engineering = 1200 × 27% = 324

The number of employees in engineering profession = 324
The number of female employees in engineering profession = 324 × $\frac{4}{9}$ = 144
The number of male employees in engineering profession = 324 – 144 = 180
Hence, option C is correct.
83. Ans. B.
Number of employees in Acting = 1200 × 15% = 180
Number of employees in Teaching = 1200 × 25% = 300
Number of employees in Management = 1200 × 21% = 252
Number of employees in Medical = 1200 × 12% = 144
Number of employees in Engineering = 1200 × 27% = 324

Required average = $\frac{180 + 252 + 144}{3}$ = 192
Hence, option B is correct.
84. Ans. C.
Number of employees in Acting = 1200 × 15% = 180
Number of employees in Teaching = 1200 × 25% = 300
Number of employees in Management = 1200 × 21% = 252
Number of employees in Medical = 1200 × 12% = 144
Number of employees in Engineering = 1200 × 27% = 324

Required ratio = (25 + 12) : (15 + 27) = 37 : 42
Hence, option C is correct.
85. Ans. D.
Number of employees in Acting = 1200 × 15% = 180
Number of employees in Teaching = 1200 × 25% = 300
Number of employees in Management = 1200 × 21% = 252

Number of employees in Medical = 1200 × 12% = 144
Number of employees in Engineering = 1200 × 27% = 324

The number of employees in fashion designing = $\frac{324}{9} \times 7$ = 252

Required percentage = $\frac{252}{300} \times 100$ = 84%
Hence, option D is correct.
86. Ans. C.
64 – 13 = 51
51 + 21 = 72
72 – 13 = 59
59 + 21 = 80
80 – 13 = 67
67 + 21 = 88
Hence, the wrong number is 65.
87. Ans. B.
6 × 0.5 + 1 = 4
4 × 1 + 1 = 5
5 × 1.5 + 1 = 8.5
8.5 × 2 + 1 = 18
18 × 2.5 + 1 = 46
46 × 3 + 1 = 139
Hence, the wrong number is 3.
88. Ans. C.
12 + (1^3 + 1) = 14
14 + (2^3 + 1) = 23
23 + (3^3 + 1) = 51
51 + (4^3 + 1) = 116
116 + (5^3 + 1) = 242
242 + (6^3 + 1) = 459
Hence, the wrong number is 120.
89. Ans. D.
64 + 5 = 69
69 – 10 = 59
59 + 15 = 74
74 – 20 = 54
54 + 25 = 79
79 – 30 = 49
Hence, the wrong number is 55.
90. Ans. C.
10^2 + 2 = 102
9^2 + 2 = 83
8^2 + 2 = 66
7^2 + 2 = 51

6^2 + 2 = 38
5^2 + 2 = 27
4^2 + 2 = 18
Hence, the wrong number is 40.
91. Ans. A.
Let the present age of Rajat = x years
The present age of Anjana = 1.4x years
The present age of Kamlesh = 1.4x – 10 years
Let the present age of Prakshi = a years
According to the data provided in the question, we get
(1.4x – 10) = 2(a – 10)
⇒ 1.4x – 10 = 2a – 20
⇒ 2a = 1.4x + 10
⇒ a = 0.7x + 5
The sum of the present ages of all four persons = 32.5 × 4 = 130 years
According to the data provided in the question, we get
x + 1.4x + 1.4x – 10 + 0.7x + 5 = 130
⇒ 4.5x = 135
⇒ x = 30
Present age of Prakshi = 0.7 × 30 + 5 = 26 years
Hence, option A is correct.
92. Ans. B.
Let the total work = 210 units (LCM of 42 and 30)
P's efficiency = $\frac{210}{42}$ = 5 units per day
Q's efficiency = $\frac{210}{30}$ = 7 units per day
Work done by P and Q together in 14 days = (7 + 5) × 14 = 168 units
Remaining amount of the work = 210 – 168 = 42 units
R's efficiency = $\frac{42}{7}$ = 6 units per day
Time taken by R to complete the work = $\frac{210}{6}$ = 35 days
Hence, option B is correct.
93. Ans. D.
Let the quantity of the milk in the initial mixture = 5x litres

The quantity of the water in the initial mixture = 4x litres

According to the data provided in the question, we get

$$\frac{5x - 5x \times 0.20 + 40}{4x - 4x \times 0.20} = \frac{7}{4}$$

⇒ 4(5x – x + 40) = 7(4x – 0.8x)

⇒ 16x + 160 = 22.4x

⇒ 6.4x = 160

⇒ x = 25

Quantity of the milk in the final mixture = 25 × 4 + 40 = 140 litres

Hence, option D is correct.

94. Ans. C.

Let the length of train X be a meter.

According to the data provided in the question, we get:

$$84 \times \frac{5}{18} = \frac{320 + a}{24}$$

⇒ 320 + a = 560

⇒ a = 240 m

Length of train X = 240 m

Length of train Y = $90 \times \frac{5}{18} \times 8 = 200$ m

Required ratio = 240 : 200 = 6 : 5

Hence, option C is correct.

95. Ans. B.

Let the salary of Gaurav be Rs. 100x.

Amount that he spend on rent = Rs. 40x

Amount that he spend on food = Rs. 20x

Remaining amount = Rs. 40x

Amount that he spend on transport = 40x × 0.50 = Rs. 20x

Remaining amount = 40x – 20x = Rs. 20x

Gaurav's saving = 20x × 0.50

⇒ 2700 = 10x

⇒ x = 27000

Gaurav's salary = Rs. 27000

Hence, option B is correct.

96. Ans. B.

The quantity of the fruits exported by company in February and April together = 25 + 30 = 55

The quantity of the fruits exported by company in March = 50

Required difference = 55 – 50 = 5

Hence, option B is correct.

97. Ans. A.

The value of the fruits (per ton) in January = $\frac{8}{40}$ = Rs. 0.2 lakhs

The value of the fruits (per ton) in February = $\frac{10}{25}$ = 0.40 lakhs

The value of the fruits (per ton) in March = $\frac{12}{50}$ = Rs. 0.24 lakhs

The value of the fruits (per ton) in April = $\frac{12}{30}$ = Rs. 0.40 lakhs

The value of the fruits (per ton) in May = $\frac{8.4}{35}$ = Rs. 0.24 lakhs

In January the value of the fruit (per ton) was the minimum.

Hence, option A is correct.

98. Ans. D.

The value of the fruits (per ton) in February = $\frac{10}{25}$ = 0.4 lakhs

The value of the fruits (per ton) in May = $\frac{8.4}{35}$ = Rs. 0.24 lakhs

Required difference = 0.40 – 0.24 = Rs. 0.16 lakhs or Rs. 16000

Hence, option D is correct.

99. Ans. B.

The value of the fruits (per ton) in February = $\frac{10}{25}$ = 0.40 lakhs

The value of the fruits (per ton) in March = $\frac{12}{50}$ = Rs. 0.24 lakhs

Required percentage = $\frac{0.24}{0.40} \times 100$ = 60%

100. Ans. B.

Required percentage drop in the export quantity = $\frac{50 - 30}{50} \times 100$ = 40%

Hence, option B is correct.
101. Ans. D.
From I:
I. $x^2 - 26x + 153 = 0$
$\Rightarrow x^2 - 17x - 9x + 153 = 0$
$\Rightarrow x(x - 17) - 9(x - 17) = 0$
$\Rightarrow (x - 17)(x - 9) = 0$
$\Rightarrow x = 17, 9$
II. $y^2 = 81$
$\Rightarrow y^2 - 9^2 = 0$
$\Rightarrow (y - 9)(y + 9) = 0$
$\Rightarrow y = 9, -9$
Hence, $x \geq y$.
102. Ans. C.
From I:
I. $x^2 + 29x + 138 = 0$
$\Rightarrow x^2 + 6x + 23x + 138 = 0$
$\Rightarrow x(x + 6) + 23(x + 6) = 0$
$\Rightarrow (x + 6)(x + 23) = 0$
$\Rightarrow x = -6, -23$
II. $y^2 - 19y - 92 = 0$
$\Rightarrow y^2 - 23y + 4y - 92 = 0$
$\Rightarrow y(y - 23) + 4(y - 23) = 0$
$\Rightarrow (y - 23)(y + 4) = 0$
$\Rightarrow y = -4, 23$
Hence, $x < y$.
103. Ans. E.
I. $x^2 + 33x + 252 = 0$
$\Rightarrow x^2 + 12x + 21x + 252 = 0$
$\Rightarrow x(x + 12) + 21(x + 12) = 0$
$\Rightarrow (x + 12)(x + 21) = 0$
$\Rightarrow x = -12, -21$
II. $y^2 + 30y + 161 = 0$
$\Rightarrow y^2 + 7y + 23y + 161 = 0$
$\Rightarrow y(y + 7) + 23(y + 7) = 0$
$\Rightarrow (y + 7)(y + 23) = 0$
$\Rightarrow y = -7, -23$
Hence, relationship between x and y can't be established.
104. Ans. E.
From I:
I. $48x^2 - 56x + 15 = 0$
$\Rightarrow 48x^2 - 36x - 20x + 15 = 0$
$\Rightarrow 12x(4x - 3) - 5(4x - 3) = 0$
$\Rightarrow (12x - 5)(4x - 3) = 0$
$\Rightarrow x = \frac{5}{12}, \frac{3}{4}$
From II:
II. $2y^2 + 19y - 91 = 0$

$\Rightarrow 2y^2 - 7y + 26y - 91 = 0$
$\Rightarrow y(2y - 7) + 13(2y - 7) = 0$
$\Rightarrow (2y - 7)(y + 13) = 0$
$\Rightarrow y = \frac{7}{2}, -13$
Hence, relationship between x and y can't be established.
105. Ans. B.
From I:
I. $16x^2 - 18x + 5 = 0$
$\Rightarrow 16x^2 - 8x - 10x + 5 = 0$
$\Rightarrow 8x(2x - 1) - 5(2x - 1) = 0$
$\Rightarrow (8x - 5)(2x - 1) = 0$
$\Rightarrow x = \frac{5}{8}, \frac{1}{2}$
From II:
II. $8y^2 - 37y + 20 = 0$
$\Rightarrow 8y^2 - 32y - 5y + 20 = 0$
$\Rightarrow 8y(y - 4) - 5(y - 4) = 0$
$\Rightarrow (y - 4)(8y - 5) = 0$
$\Rightarrow y = 4, \frac{5}{8}$
Hence, $x \leq y$.
106. Ans. D.

Side of the square = $\sqrt{576}$ = 24 cm
Perimeter of the square = 24 × 4 = 96 cm
Perimeter of the rectangle = 96 – 24 = 72 cm
Let the breadth of the rectangle = b cm
According to the data provided in the question, we get
2(20 + b) = 72
$\Rightarrow$ 20 + b = 36
$\Rightarrow$ b = 16
Breadth of the rectangle = 16 cm
Area of the rectangle = 20 × 16 = 320 cm^2
Hence, option D is correct.
107. Ans. B.
Profit earned on one microwave = Rs. 0.18x
Loss occurred on second microwave = Rs. 0.08x
According to the data provided in the question, we get:
0.18x – 0.08x = 960

$\Rightarrow 0.10x = 960$

$\Rightarrow x = 9600$

Hence, option B is correct.

108. Ans. A.

Total number of pens in the bag = 6 + 4 + 5 = 15

Required probability = P(yellow pen) + P(red pen)

$= \frac{4}{15} + \frac{5}{15} = \frac{9}{15} = \frac{3}{5}$

Hence, option A is correct.

109. Ans. C.

According to the data provided in the question, we get:

$1908 + X = X\left(1 + \frac{12}{100}\right)^2$

$\Rightarrow 1908 + X = X\left(1 + \frac{3}{5}\right)^2$

$\Rightarrow 1908 + X = X\left(\frac{28}{25}\right)^2$

$\Rightarrow 625(1908 + X) = 784X$

$\Rightarrow 625 \times 1908 + 625X = 784X$

$\Rightarrow 159X = 1908 \times 625$

$\Rightarrow X = 7500$

Amount invested on simple interest = 7500 + 5000 = Rs. 12500

Simple interest = 12500 × 20% × 2 = Rs. 5000

Hence, option C is correct.

110. Ans. C.

Let the income of Manan = Rs. 5x

Income of Ashish = 5x × 1.20 = Rs. 6x

Saving of Ashish = 6x × 0.30 = Rs. 1.8x

According to the data provided in the question, we get:

3600 = 1.8x

$\Rightarrow x = 2000$

Income of Manan = 2000 × 5 = Rs. 10000

Saving of Manan = 2000 × 2 = Rs. 4000

Expenditure of Manan = 10000 – 4000 = Rs. 6000

Hence, option C is correct.

111. Ans. C.

"…the next level of security is likely to identify people using things which are harder to copy…" The behaviours such as "the way they walk'' are harder to copy because they're unique to every user. Thus, behavioural biometrics will be harder to impersonate, which makes them better than regular passwords. Hence, the correct answer is C.

112. Ans. E.

Device fingerprinting "…employs software to note things like the model type of a gadget employed by a particular user; its hardware configuration; its operating system; the apps which have been downloaded onto it; and other features, including sometimes the Wi-Fi networks it regularly connects through and devices like headsets it plugs into. The results are sufficient to build a profile of both the device and its user's habits." This tells us that device fingerprinting consists of the information about the device, and by extension, its user. All this information is stored in the online servers or cloud servers. But fingerprints are not included in this collection of data. Hence, the correct answer is E.

113. Ans. B.

Hardware configuration of a device can be used to detect whether the device has a keyboard or a touchscreen. "On a device with a keyboard… a longer-than-usual finger "flight time" between keystrokes" is used as a warning sign. "On a device with a touchscreen rather than a keyboard…flight times between keystrokes are longer." Any deviation from this can be used to detect a fraud. Thus, it is essential to know the hardware configuration of the device. Hence, the correct answer is B.

114. Ans. D.

Neil Costigan will most likely agree with statement D. The reasons are as follows:

A: Costigan describes additional passwords as "nonsense". He doesn't clarify if they pose any privacy risk.

D: Costigan states that the software operating with behavioural biometrics "can toil quietly in the background". He makes this observation indicating that operation of the software shouldn't involve interaction with the user. He also describes additional passwords as "nonsense" and the entire process as "badgering". Thus, Neil Costigan will most likely agree with this statement.

C: Costigan "...observes, the software can toil quietly in the background, continuously authenticating account-holders..." Here, the software is doing the authentication, not some stranger.

Hence, the correct answer is D.

115. Ans. A.

The given passage provides information about the latest cyber security measures in a neural tone. It contains both pros and cons of existing and upcoming security measures.

A formal writing tone is common in academic or professional contexts. The given passage is, however, aimed at the mass and uses much lenient language. The primary purpose of descriptive writing is to describe a person, place or thing in such a way that a picture is formed in the reader's mind. No such formation of image is required in the given passage.

Subjective information or writing is based on personal opinions, interpretations, points of view, emotions and judgment. Critical writing is writing which analyses and evaluates information, usually from multiple sources, in order to develop an argument. The passage offers a neural tone presenting both sides of the argument. Hence, the correct answer is A.

116. Ans. C.

Only option I is true. The reasons are as follows:

I: "...many can be guessed or are jotted down imprudently" shows that either the passwords are easy (which is why they can be guessed) or not memorable (which is why they needed to be jotted down). This shows the lack of effort on the user's part. So, option I is true.

II: The passage states that device fingerprinting can collect data about other connected devices, like the Headsets. It doesn't clarify if headsets are the most commonly used ones. So, option II is false.

III: Behavioural biometrics "...relies on the wealth of measurements made by today's devices." 'wealth of measurements' makes the given sentence wrong. So, option III is false.

Hence, the correct answer is C.

117. Ans. E.

All the options I, II & III are correct. The reasons are as follows:

I: "the hour is appropriate" suggests that the author believes that there are certain hours in a day that are spent in sleeping. The author assumes that the user sleeps during this fixed time period. So, option I is correct.

II: In the given quote, "this action" refers to the phone being "...set down on a hard surface such as a table or dropped lightly on a soft one such as a bed." The author assumes that this action happens when the user sleeps. To verify this assumption, the author suggests tallying the putting down of the phone with the appropriate hour. So, option II is correct.

III: "a user" indicates that the author assumes that the device is used only

by one person. So, option III is correct.

Hence, the correct answer is E.

118. Ans. A.

The meaning of the words given in the options are as follows:

Employed means to use something.

Staccato is used to describe a noise or way of speaking that consists of a series of short and separate sounds.

Posed means to raise (a question or matter for consideration).

Spoofed means to try to make someone believe in something that is not true.

Fling means to throw something or someone suddenly and with a lot of force.

Abstained means to not do something you could do, esp. something that is unhealthy or gives you pleasure.

Hence, the correct answer is A.

119. Ans. B.

The meaning of the words and phrase given in the options are as follows:

'Go beyond' means to do more than is expected or required.

'Plugs into' means to become connected to a piece of electrical equipment or to the main electricity supply.

Maiden means (of an older woman) unmarried.

'Gaining ground' means to become more popular or accepted.

Reverse means the opposite to that previously stated.

Connect means to join or be joined with something else.

Hence, the correct answer is B.

120. Ans. D.

Part A & D have errors in them. The reasons are as follows:

A: "identifying threat" will stop the fraud by countering it. So, online fraud cannot involve identifying a threat. It involves "identity theft". Identity theft is the crime of obtaining the personal or financial information of another person to use their identity to commit fraud, such as making unauthorized transactions or purchases.

B: We distinguish the two nouns (impersonator and genuine customers) *from* each other.

Hence, the correct answer is D.

121. Ans. A.

Climate refers to the weather prevailing in an area over a long period of time. Weather changes quite often and nature cannot change. Cycle and change mean the same in this context so it can be eliminated. Tropical doesn't suit the context of the passage. Hence the correct answer is option A.

122. Ans. C.

Climate change doesn't have to do anything with color. Length and power can be eliminated since those are physical units. Effects refers to a change which is a result of an action. This fits the context of the sentence and hence the correct answer is option C.

123. Ans. E.

Evidence is the available body of facts and information indicating whether a belief is true. In case of Global warming there has been many scientific researches and looking at the evidence researchers have concluded that the world is getting hotter day by day. In the context of the passage, Evidence fits perfectly. Hence the correct answer is option E.

124. Ans. B.

The passage talks about how different researches have been made in order to really understand the intensity of the Global warming. Temperature records have been analyzed and then it has been found that the Earth is heating up at an exponential rate. The correct answer is option B.

125. Ans. C.

Humans have been known to cause problems on earth. We are the reason for the Global warming and the degradation of nature. In the context of the passage, 'human' is the appropriate word. The correct answer is option C.

126. Ans. D.
Greenhouse gases such as methane, CO_2 and Nitrous oxide are the biggest influencers of Global warming and these gases are generated by human made industries and devices. The emission of these gases puts the nature in danger. The correct answer for this question is option D.

127. Ans. A.
Summarized refers to giving a brief statement of the main points. Forced and stuck can be eliminated since they don't fit well with the meaning of the passage. Portrayed means to depict which again doesn't go well with the passage hence it can be eliminated. Accepted means to receive and so it can be eliminated since it doesn't help with the meaning of the sentence. Hence the correct answer is option A.

128. Ans. B.
The Earth's rise and fall in temperature is taken in the form of surface temperature for making it easier to analyse. Ice doesn't fit into the context since ice temperature isn't taken while reading the climate data. Narrow and Potential can be eliminated since they don't make sense when put into the context of the passage. Human temperature isn't a unit of global temperature hence it can't be used as well. So the correct answer is option B.

129. Ans. D.
Scenario is a postulated sequence or development of events. 'Case' can also be put into the context; however scenario has been used in the former part to convey stats in the same context. Hence the correct answer is option D.

130. Ans. B.
The sentence is correct as given.

131. Ans. A.
The term "local devastation" does not make any sense. It can either be replaced by "businesses" or "government". However, "devastation" will be contextually incorrect at (E). So, B and C must be exchanged to make the sentence correct.

132. Ans. D.
The phrase "Indian creation" renders the given sentence unclear. "Economy" and "creation" can clearly be exchanged to make the sentence correct.
The word "bureaucratic" at C is incorrect as it is an adjective and requires a noun (which is missing) to modify. Thus, the positions of the words at B and C must be changed to make the sentence correct.
So, option D is the correct answer.

133. Ans. D.
The highlighted words have been correctly placed in the sentence. Thus, option D is the correct answer.

134. Ans. C.

The sentence is correct and conveys a meaningful sense. The sentence talks about report about President Vladimir Putin. The words as used in the sentence are perfect in their place and renders a proper meaning to the entire sentence. Therefore, option C is the correct answer.

135. Ans. E.
From the given jumbled parts, we can make out that the sentence is related to the effects of climate change. The sentence should start with part C which mentions the phrase 'extreme changes'. It should be followed by part B which mentions where these changes occurred, which is the

climate. Part D which mentions the seas retreating should follow part B as it is the effect of the extreme changes in climate. Where the seas retreated is mentioned in part E and A. Part E comes before part A as it uses the adjective 'major' to describe the noun phrase in part A. So, we get the sequence CBDEA, making option E the correct answer.

Correct sentence - Extreme changes in daily and seasonal climates preceded the retreat of the seas back into the major ocean basins.

136. Ans. D.

From the given jumbled parts, we can make out that the sentence is someone who found that writing something became easy once she started it. The sentence should start with part C which mentions the subject of the sentence (Jane). It should be followed by part E which mentions the action taken by the subject which is lifting her pen. Part C which mentions what the subject did by lifting her pen which was to make a start comes in the third spot. So, parts BEC talks about the subject lifting a pen and making a start. What this action led to is explained by the sequence DA which talks about how writing the essay became easy. So, we get the sequence BECDA, making option D the correct answer.

Correct sentence - Once Jane lifted her pen and made a start, writing the essay became easy.

137. Ans. D.

The correct sentence after rearrangement is -

Recently, I dropped by a friend's flat unannounced, a gesture intended to be sweet, but it probably turned out to be annoying as my friend rushed around attempting to make the living room presentable.

138. Ans. A.

From the given parts of the sentence it is evident that the sentence talks about the benefits of wine tourism. Thus, part B which introduces this idea should begin the sentence. If we consider option A as the correct answer, we get the following coherent sentence -

'Wine tourism is no longer the ramshackle affair it used to be, as all over the world, wine companies have realised there's money to be made and, equally importantly, valuable PR to be communicated to attract visitors in increasingly slick and varied ways.

139. Ans. B.

From the given parts, it is evident that part D should begin the sentence as it states the subject of the sentence i.e. 'The book'. Thus, options C, D and E can be negated. Part A should follow part D as it states the topic of the essays in the book. This makes only option B as the correct answer. The correct sentence after rearrangement is -

'This book is a riveting collection of essays on urban spaces in modern India and it brings together insights on urban spaces from different disciplines and covers a range of cities and towns in the country.'

140. Ans. A.

The sentence is discussing about things in general sense and expressing a suggestion, so the correct choice is "law should make". The rest of the options are grammatically incorrect.

'Would' is used in hypothetical situations whereas 'should' is used to show obligation, give recommendation or even an opinion. So, the correct answer is option A.

141. Ans. C.

The bold part is incorrect as the word "regulatory" is an adjective whereas we require a noun in the sentence.

Option A is incorrect as the preposition "on" is incorrect here. We need the preposition "in".

Option B is incorrect again due to the use of the adjective.

Option C is correct as the use of the noun and preposition is correct.

Option D is incorrect due to the use of incorrect tense.

The correct answer is option C.

142. Ans. C.

The error in the sentence is of the order of adjectives 'parliamentary' and 'representative'. The noun 'democracy' will be modified by the adjective 'parliamentary' describing the type of democracy. 'Parliamentary' will be modified by the adjective 'representative' explaining the mode of formation of the parliament i.e. by representatives of people. So, 'representative parliamentary democracy' is the correct sequence which makes option C, as the correct choice.

143. Ans. E.

The given sentence is correct and no correction is required.

144. Ans. C.

The error is in the third part of the sentence.

The objective noun "some insurance companies" is in plural case. Therefore, the pronoun used for this should also be in the same case. Therefore, the use of "its" is incorrect here as it is singular in form. It should be replaced by "their".

The correct answer is option C.

145. Ans. A.

The error lies in the first part of the given sentence. The usage of the connector 'which'is incorrect here. The later part of the sentence describes the condition of another entity in the age of globalization.

Thus, 'when' should be used instead of 'which'. Thus, option A is correct.

146. Ans. E.

There is no error in the statement and thus the correct response is option E.

147. Ans. B.

"Of" should be eliminated to make the sentence correct.

148. Ans. B.

The given statement talks about one leader. Since the subject is singular we must use the singular form of verb, 'adheres' should be used.

149. Ans. A.

Sheen (noun) – a soft lustre on a surface

150. Ans. C.

'Tradition' means the transmission of customs or beliefs from generation to generation. Tradition can be sacrosanct, which means regarded as too important or valuable to be interfered with. Thus, option C is the correct answer.

The meaning of the other words are:

Likeable: Someone who is easily liked or admired

Animated: full of excitement; lively

151. Ans. D.

• Government think-tank Niti Aayog has formed a high-level panel to explore the technological and commercial viability of the Virgin Hyperloop technology for ultrahigh speed travel in India, weeks after its first test was completed with humans on board.

• The Virgin Hyperloop test run was conducted on a 500-meter track in Las Vegas in the USA with a pod, as the hyperloop vehicles are called, travelling with passengers, including an Indian, inside an enclosed tube at more than 100 mph or 161 kmph.

152. Ans. B.

Fino Payments Bank is the fourth payments bank which commence operation in India in July 2017. The

headquarter of Fino Payments Bank is in **Mumbai**.

153. Ans. A.

* **Dilip Asbe is the CEO of National Payments Corporation of India.**

* National Payments Corporation of India is an umbrella organisation for operating retail payments and settlement systems in India. **It was founded in 2008.**

* It is registered under **section 8 of the Companies Act 2013. The** authorised capital has been pegged at ₹3 billion and paid-up capital is ₹1 billion.

* The main services and applications provided by NPCI are- RuPay, National Common Mobility Card, BHIM, Unified Payments Interface, Bharat bill payments system etc.

154. Ans. B.

Solution: Full form of CASA - **Current Account Saving Account**.

155. Ans. E.

On 4th December 2020, RBI has kept the Repo Rate unchanged at 4.00% and reverse repo rate at 3.35%. In addition to that, the Marginal Standing Facility rate and the bank rate stands at 4.25%.

This has been done to limit the damage to the economy caused by the Covid-19 and subsequent lockdowns.

The current rates as per RBI Monetary Policy are: SLR is 21.50%, Repo rate is 4.00%, Reverse Repo rate is 3.35%, MSF rate is 4.65%, CRR is 3% and Bank rate is 4.65%.

156. Ans. C.

* In accordance with the vision of the Ministry of Housing and Urban Affairs (MoHUA),Karnataka Bank Limited launched a new indigenous RuPay debit card- National Common Mobility Card(NCMC).

* This card is the bank's 1st ever contactless debit Card.

* The card is an international Contact-less, debit cum prepaid and interoperable transport card, a 'One Nation One Card i.e., a card with many benefits'.

* Payments can be made without the need to insert the card at PoS(Point of Sale) terminals, i.e., a contactless payment(Tap & Go).

* With the card, payments can be made at Toll plazas, Metro transits, Parking lots, Retail outlets, Smart cities etc.

157. Ans. D.

The Bank of International Settlements (BIS) is an international organization of central banks which fosters international monetary and financial cooperation and serves as a bank for central banks. It is based in **Basel, Switzerland** with its representative offices in Hong Kong and Mexico City.

Hence, option D is correct.

158. Ans. C.

• The Central government after exercising its power conferred under clause (iii) of section 3 of Government securities Act 2006 has launched a new series of the Sovereign Gold Bond (SGB) Scheme namely "Sovereign Gold Bond 2020-21"

• It is to be issued by Reserve Bank of India (RBI) in six tranches from April 2020 to September 2020 i.e. in first half of FY 20-21.

• The government will pay an interest at the rate of 2.5% per annum. The interest is payable semi-annually.

• Their sale will be restricted to resident individuals, HUFs, Trusts, Universities and Charitable Institutions.

159. Ans. A.

* India and France were re-elected as the President and Co-President of the International Solar Alliance (ISA), for a term of two years at the virtual

meeting of the Third Assembly, informed the Ministry of New and Renewable Energy.

* Four new Vice-Presidents were also chosen to represent the four regions of ISA. The representatives of Fiji & Nauru for Asia Pacific Region; Mauritius & Niger for Africa Region; UK & Netherlands for Europe and others Region, and Cuba and Guyana for Latin America and Caribbean Region assumed the vice presidency.

160. Ans. A.

Dr. Madhusudan Sahoo is the first chairman of Insolvency and Bankruptcy Board of India (IBBI) for a period of 5 years.

* IBBI is regulator for overseeing the insolvency and bankruptcy regime in the country. It has statutory powers under the Insolvency and Bankruptcy Code, 2016.

The Insolvency and Bankruptcy Board of India (IBBI) has a ten-member board including a chairman.

Structure of the IBBI.

* One Chairperson
* 3 members from Central Government, officers not below the rank of Joint Secretary or equivalent.
* One nominated member from the RBI.
* 5 members nominated by the Central Government; of these, 3 shall be whole-time members.

161. Ans. A.

* A virtual TX2 Tiger Conservation Awards 2020 ceremony was held to confer the relevant site among 13 tiger range countries under two categories viz. TX2 Award and Conservation Excellence Award.
* In this regard, the Pilibhit Tiger Reserve (PTR) of Uttar Pradesh (UP) under the UP Forest department has bagged the first-ever international award, TX2, for doubling the number of tigers in four years against a target

of 10 years. The PTR had 25 tigers in 2014 which went up to 65 in 2018.

* The award was virtually presented to the principal chief conservator of forest (wildlife) of the state, Sunil Pandey, by UNDP's (United Nations Development Program) head of ecosystems and biodiversity, Mindori Paxton.
* TX2 stands for "Tigers times two", stating the goal to double the population of wild tigers by 2022.

162. Ans. C.

* The Appointments Committee of the Cabinet appointed PD Vaghela as new chief of Telecom Regulatory Authority of India (TRAI).
* He is 1986-Gujarat cadre IAS officer,
* Vaghela will succeed RS Sharma, whose tenure as chief of TRAI lapses on September 30.
* Prior to TRAI, Sharma led the creation of Aadhaar as the director general and mission director of the Unique Identification Authority of India (UIDAI) during 2009-2013.

163. Ans. A.

* "Relationship beyond banking" is the tagline of Bank of India. It's headquarter located in Mumbai.

164. Ans. B.

* Larsen & Toubro (L&T) has secured a large contract to construct the country's longest road bridge across river Brahmaputra connecting Dhubri in Assam to Phulbari in Meghalaya.
* The contract was bagged by the company's subsidiary L&T Construction. As per the company, a large contract is worth Rs 2,500-5,000 crore.

165. Ans. C.

* MIBOR is the acronym for Mumbai Interbank Offer Rate, the yardstick of the Indian call money market. It is the rate at which banks borrow unsecured funds from one another in the interbank market.

* The same was rechristened as FIMMDA-NSE MIBID/MIBOR rate in due course.

166. Ans. B.

* The government plans to sell 100 per cent of its equity share capital in the state-owned airline, including Air India's shareholding interest of 100 per cent in AI Express Limited (AIXL) and 50 per cent in Air India SATS Airport Services Private Limited (AI SATS).

* Another possible interested bidder points out that what matters most is the long-term success of Air India which will be a significant contributor (directly and indirectly) to GDP and also to the Indian Exchequer.

167. Ans. A.

* looking to end its partnership with AirAsia Bhd as it only wants to be engaged in one airline business, Vistara, the joint venture with Singapore Airlines (SIA).

* Initial discussions to this end have begun, even as the conglomerate inches closer to a separate deal to acquire ownership stake in India's second-biggest airline Jet Airways from its founder Naresh Goyal.

* The Tata Group holding company is proposing to "exit AirAsia India and run the only full-service private airline in India, which is Vistara-plus-Jet," said one of the people.

* Tata Sons owns 51% of AirAsia India with the rest held by Malaysia-based AirAsia Bhd.

168. Ans. D.

* YONO (You Only Need One) is an integrated digital banking platform offered by State Bank of India (SBI) to enable users to access a variety of financial and other services such as flight, train, bus and taxi bookings, online shopping, or medical bill payments.

169. Ans. C.

* The Reserve Bank will evaluate the impact of multi-media public awareness campaign 'RBI Kehta Hai', which was launched in 14 languages to educate the public about safe banking and financial practices.

* 'RBI Kehta Hai' was the first even 360 degree campaign initiated by the central bank using all mass media, including media such as television, radio, newspapers, hoardings, web banners, gifs, social media and SMS.

* In order to evaluate the impact of the public awareness campaign, the RBI has invited Expression of Interest (EoI) from eligible companies and other entities which have successfully completed at least five similar projects.

170. Ans. D.

* Current bank accounts are very popular among companies, firms, public enterprises, businessmen who generally have higher number of regular transactions with the bank.

* The current account includes deposits, withdrawals, and contra transactions. Such accounts are also called the Demand Deposit Account.

* A Current account can be opened in most of the commercial banks. A current account being a zero-account, is generally associated with huge transactions on a regular basis. Because of the fluidity that these accounts offer, they don't earn any interest.

* These also usually do not carry a limit on the number of transactions which can be made.

171. Ans. A.

* The World City Day is observed every year on 31st October

* This World Cities Day is the seventh global celebration since the day was launched in 2014 in Shanghai, China.

* The 2020 World Cities Day themed 'Valuing our communities and cities' underlines the importance of the local

communities who are at the heart of building sustainable cities.

172. Ans. B.

* The Sovereign Gold Bond scheme was launched in November 2015 with an objective to reduce the demand for physical gold and shift a part of the domestic savings - used for the purchase of gold - into financial savings.
* The gold bonds offer an annual interest rate of 2.50 per cent to investors.

173. Ans. E.

* Based in Mumbai, India, the BSE lists close to 6,000 companies and is one of the largest exchanges in the world, along with the New York Stock Exchange (NYSE), Nasdaq, London Stock Exchange Group, Japan Exchange Group, and Shanghai Stock Exchange.

174. Ans. A.

* Paytm becomes largest issuer of FASTags in India with 3 mn.
* Paytm Payments Bank (PPB) announced it has become the largest FASTag issuer in India as it has issued three million FASTags so far, thus, accelerating the adoption of electronic payments across toll plazas.
* Paytm Payments Bank also aims to almost double FASTag adoption to five million vehicles by March
* FASTag is an electronic toll collection system, operated by the National Highway Authority of India.

175. Ans. C.

* Often referred to as the father of the Indian IT industry, Faqir Chand Kohli, the founder and first CEO of Tata Consultancy Services (TCS), passed away.
* Kohli also worked as the deputy general manager of the Tata Power Company and was the Chairman of the Board of Governors of College of Engineering, Pune.

* FC Kohli pioneered India's 'Technology Revolution' and helped the country build the $100-billion IT industry as first CEO of TCS.
* Born on March 19, 1924 in Peshwar, he did his BA and B .SC from the Government College for Men in Lahore under Punjab University.
* Later he went to Queen's University in Canada and completed B.Sc (Hons) in Electrical Engineering in 1948 . He also did his MS in Mechanical engineering from the Massachusetts Institute of Technology in 1950

176. Ans. A.

• Government of Assam has notified Dihing Patkai as 7th National Park of the state.
• Assam now has the third most National Parks after the 12 in Madhya Pradesh and nine in the Andaman and Nicobar Islands.
• The five older National Parks in the State are Kaziranga, Manas, Nameri, Orang and Dibru-Saikhowa.
• Kaziranga and Manas are UNESCO World Heritage Sites. They are also tiger reserves along with Nameri and Orang.

177. Ans. B.

• Ten Public Sector Undertaking (PSU) banks were amalgamated into four banks.
• With this, the number of public sector banks in India come down to 12 from 27.
• Oriental Bank of Commerce (OBC) and United Bank of India merged into Punjab National Bank (PNB).
• Syndicate Bank merged into Canara Bank, which will make it the fourth-largest public sector lender.
• Indian Bank was merged with Allahabad Bank.
• Union Bank of India merged with Andhra Bank and Corporation Bank.

178. Ans. A.

* Market risk is the risk of losses in positions arising from movements in market prices.

* If the risk of losses in on balance sheet and off-balance sheet positions arising from movements in market prices, it is known as Market risk under Basel Norm III.

179. Ans. C.

• Guyana takes over chairmanship of the Group of 77 (G77) for the year 2020.

• It assumes the chairmanship of the Group from the State of Palestine.

• The G77 is the largest intergovernmental organization of developing countries in the UN.

• It was designed to promote its members' collective economic interests and create an enhanced joint negotiating capacity in the UN.

• Groups from Latin and Central America, Asia, Africa and the Pacific have all endorsed Guyana's Chairmanship and pledged their support.

180. Ans. A.

* The Punjab National Bank Housing Finance (PNBHF) has signed an agreement with Japan International Cooperation Agency (JICA) to raise USD 75 million & with Citibank for USD 25 million to provide loans to affordable housing segment so as to improve the lives of low-income households & to promote sustainable economic growth in India.

* It is a 5-year long term loan which helps to balance the company's Asset Liability Management (ALM) position.

* It is JICA's first debt funding in India's housing finance sector.

181. Ans. C.

* M. Venkaiah Naidu, Union Minister for Urban Development, Housing & Urban Poverty Alleviation and Union Minister for Information & Broadcasting launched two important initiatives of the Ministry of Micro, Small and Medium Enterprises (Ministry of MSME), viz. Micro and Small Enterprises Facilitation Council (MSEFC) portal and MyMSME Mobile App.

* the MyMSME mobile app on http://my.msme.gov.in, also launched by M. Venkaiah Naidu, provides information on all schemes implemented by the Ministry of MSME at one place.

* The MSME units have had always been complaining that information on all schemes were not available at a single place.

* Such a compilation is certainly the need of the hour so as to ensure that entrepreneurs need not be searching multiple windows for help or information.

182. Ans. A.

• The Reserve Bank of India (RBI) placed cash-strapped Lakshmi Vilas Bank (LVB) under a moratorium for a period of one month and restricted withdrawals at Rs 25,000 for depositors, owing to a serious deterioration in the lender's financial position.

• The RBI has also drafted a scheme of amalgamation for LVB with DBS Bank of India and aims to complete the merger process before moratorium period ends.

• The proposed amalgamation will provide stability and better prospects to LVB's depositors, customers and employees.

• As per the moratorium order, LVB will not, without RBI's permission, "make, in the aggregate, payment to a depositor of a sum exceeding Rs 25,000 lying to his credit, in any savings, current or any other deposit account, by whatever name called.

• The RBI has announced supersession of the Board of Directors of Lakshmi Vilas Bank.

• RBI has also appointed T. N. Manoharan, former Non-Executive Chairman of Canara Bank as the administrator of the crisis-ridden bank.

183. Ans. B.

• The Shamrao Vithal Co-operative Bank Ltd (SVC Bank) has entered into a partnership with National Payments Corporation of India (NPCI).

• They have entered into a partnership to launch a rewards programme.

• They launched loyalty management program with an aim to provide ease and rewardable banking experience to the customers.

• Under this reward program, customers will earn points upon using SVC Bank's cards and its digital solutions.

• The reward points can be redeemed to purchase products and services like electronics, sports, home decor, lifestyle, health etc.

184. Ans. B.

• Vigilance Awareness Week, 2020 will be observed from 27th October till 2nd November.

• Vigilance Awareness Week 2020 Theme: Satark Bharat, Samriddh Bharat (Vigilant India, Prosperous India).

• It is commemorated to affirm our commitment towards promotion of integrity and probity in public life through citizen participation.

185. Ans. B.

• Ministry of Housing and Urban Affairs has launched 'e-Dharti Geo Portal' to integrate legacy drawings such as maps and lease plans in the management information system and make its geographic information system (GIS)-enabled.

• Union Housing and Urban Affairs Minister: Hardeep Singh Puri

186. Ans. B.

* It is a situation in which the inflation rate is high, economic growth rate slows, and unemployment remains steadily high.

* It is also known as recession inflation.

* It is dilemma for economic policy, since actions intended to lower inflation may worsen unemployment situation.

187. Ans. C.

* Tighter monetary policy can decrease demand-pull or the cost-push inflation.

* RBI may increase the bank rates/repo rates. etc (qualitative tool) to curb the supply of money in the market and hence can control inflation

* RBI can resort to Open Market Operations for curbing inflation

* Cutting expenditure on schemes, projects, spending, etc and Increasing direct or indirect tax are other tools for controlling inflation

188. Ans. B.

• NITI Aayog has constituted a 14-member advisory committee to look into introducing reforms in the urban planning education system.

• The panel will be headed by NITI Aayog Vice-Chairman Rajiv Kumar. The members of the committee include Amitabh Kant, CEO of NITI Aayog and secretaries of Ministry of Housing and Urban Affairs (MoHUA), Ministry of Education(MoE) and Ministry of Panchayati Raj.

• The committee will examine the current system in terms of multidisciplinarity, curriculum and other related issues at the level of graduates and postgraduates against the challenges of rapid urbanization.

• The committee will examine the urban planning education system in India and examine the availability, demand and supply of the qualified urban planners in India.

189. Ans. D.
• The Labour and Employment Ministry revised the base year of the Consumer Price Index for Industrial Workers (CPI-IW) from 2001 to 2016 to reflect the changing consumption pattern, giving more weightage to spending on health, education, recreation and other miscellaneous expenses, while reducing the weight of food and beverages.
• The new series would not have an impact on the dearness allowance (DA) given to government employees for now.
• The linking factor of the new series to the old series was 2.88, something which employer federations had raised in consultations.

190. Ans. A.
• The primary allegations related to manipulation of TRPs on a payment.
• The alleged scam came to light when ratings agency Broadcast Audience Research Council (BARC) filed a complaint with the police, alleging that certain channels were rigging TRP numbers to lure advertisers.
• It was alleged that some families at whose houses metres for collecting data of viewership were installed were being bribed to tune into a particular channel.

191. Ans. D.
* The "Go Electric" campaign was launched by Bureau of Energy Efficiency (BEE) in coordination with the Andhra Pradesh State Energy Conservation Mission.
* The Andhra Pradesh State Government is to set up 400 Electric Vehicle charging vehicles all over the state to promote the usage of electric vehicles. This is to be achieved in coordination with the "Go Electric" campaign of BEE.
* The main of the step is to attract investment in the EV sector by setting up charging stations and electric vehicle infrastructure.

192. Ans. B.
* Private lender ICICI Bank has launched a comprehensive banking programme for its millennial customers, (in the age bracket of 18 years to 35 years), called 'ICICI Bank Mine'.
* The 'ICICI Bank Mine' is India's first and unique product launched by the bank to offer a mobile-first, highly personalised and experiential led banking experience to the millennial customers.

193. Ans. C.
* SBI Card and Payment Services Ltd partnered with Paytm and Visa to launch contactless co-branded credit cards, India's next generation credit cards.
* The credit card will be available in two variants, namely, Paytm SBI Card and Paytm SBI Card SELECT.
* The 2 variants have been designed for the new age, digitally savvy customers. The product has been launched on the Visa platform.
* The aim of the Partnership is to bring in 'new to credit' users into the formal economy and empower them to control their finances.

194. Ans. B.
* Bangladesh and United States held a joint Naval Exercise CARAT. CARAT is Cooperation Afloat Readiness and Training. The exercise was held at Chittagong.
* Historically, the exercise involves people-to-people interactions, variety of professional exchanges, community relations project, Subject Matter Expert exchanges and social events. Due to COVID-19, the exercise was held virtually.

195. Ans. D.
* On the back of the on-going TRP scam, the Ministry of Information and Broadcasting decided to constitute a

committee to review "Guidelines on Television Rating Agencies in India".
* Headed by Shashi S Vempati, CEO, Prasar Bharti, the committee will examine the different aspects of television rating systems in India and carry out any changes, if necessary.
* The committee will submit its report within two months from the issue of the notice.
* The present guidelines issued by the MIB on television rating agencies in India were notified after deliberations by the Parliamentary Committee, Committee on Television Rating Points (TRP) constituted by the MIB and recommendations of the Telecom Regulatory Authority of India (Trai).
196. Ans. A.
* Qatar's ruler announced that a vote to review the policy of the country is to be held in October 2021.
* This is the first of its kind in the region. Currently, un-elected Shura Council advises the absolute ruler, Emir Sheikh Tamim bin Hamad Al-Thani.
* Laws in Qatar can be overruled by a simple decree.
197. Ans. B.
* Duarte Pacheco, Portugal Parliamentarian was elected as the 30th President of Inter Parliamentary Union (IPU) for a three-year term of 2020-2023.
* He succeeds Gabriela Cuevas Barron, a Mexican Parliamentarian.
* The Presidential Election was conducted over the virtual platform during the 206th Session of the Governing Council of IPU, which was conducted as a virtual session.
* Around 400 parliamentarians from 140 member Parliaments registered their vote during the 24-hour window.
* More than 40% of the voting members were women

parliamentarians and 27% of them were under 45.
198. Ans. B.
• In West Bengal, Kolkata will soon feature India's first "Tyre Park", where artworks made from scrap and defective parts will be on display.
• The West Bengal Transport Corporation will launch this Tyre Park.
• The Tyre Park, which will come up at the Esplanade area, would have a small cafe where people can sit, relax and enjoy the craftsmanship made from tyres.
199. Ans. A.
• The first solar energy driven train was launched in Kerala by CM Pinarayi Vijayan on Novwmber 2, 2020.
• The train is first of its kind in the country.
• The train, which would be an attraction for children especially, was part of a string of projects totally worth Rs 60 crore taken up to elevate the facilities at the panoramic destination to international standards.
200. Ans. E.
• Priority Sector means those sectors which Govt of India and RBI consider as important for the development of the basic needs of the country and are to be given priority over other sectors.
• Priority Sector includes the following: Agriculture; Micro, Small and Medium Enterprises; Export Credit; Education; Housing; Social Infrastructure; Renewable Energy and Others.
201. Ans. C.
The computers of the third generation used **integrated circuits** (IC's) in place of **transistors**. A single **IC** has many **transistors**, **resistors**, and **capacitors** along with the associated circuitry.

Note: The period of the **third generation** was **1965-1971**.

202. Ans. C.

Ctrl+R is uses the **Fill Right command** to copy the contents and format of the **leftmost cell** of a **selected range** into the cells to the right.

203. Ans. E.

An arithmetic logic unit (ALU) is a digital circuit used to perform arithmetic and logic operations. It represents the fundamental building block of the central processing unit (CPU) of a computer. Modern CPUs contain very powerful and complex ALUs. In addition to ALUs, modern CPUs contain a control unit (CU).

204. Ans. B.

Master file manipulations require maximum security. High level security access controls should be placed to check the authority and authenticity of the individuals or processes making manipulation to master files.

205. Ans. A.

In shortcut, **Shift+ Delete** is used to Delete selected item permanently without placing the item in the Recycle Bin.

206. Ans. D.

Decimal equivalent of $(1111)_2$

$(1111)_2 = (1 \times 2^3) + (1 \times 2^2) + (1 \times 2^1) + (1 \times 2^0)$

$= 8 + 4 + 2 + 1$

$= 15$

207. Ans. B.

SMTP (Simple Mail Transfer Protocol) is a TCP/IP protocol used in sending and receiving e-mail. However, since it is limited in its ability to queue messages at the receiving end, it is usually used with one of two other protocols, POP3 or IMAP that let the user save messages in a server mailbox and download them periodically from the server. SMTP usually is implemented to operate over Internet **port 25**.

Many mail servers now support **Extended Simple Mail Transfer Protocol** (ESMTP), which allows multimedia files to be delivered as e-mail.

208. Ans. B.

• **A graph is a collection** of vertices and a **collection** of edges connecting some vertices.

• We can visualize **a graph** by drawing a picture where vertices are dots and edges are paths connecting the dots.

• They are often represented by a drawing

3 vertices 3 edges   4 vertices 4 edges   4 vertices 6 edges
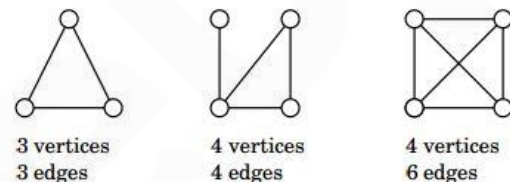
209. Ans. E.

Data redundancy is the existence of data that is additional to the actual data and permits correction of errors in stored or transmitted data. The additional data can be simply a complete copy of the actual data, or only select pieces of data that allow detection of errors and reconstruction of lost or damaged data up to a certain level.

210. Ans. D.

Handheld operating systems are designed to run on machines that have **lower speed processors** and **less memory**, they were designed to use less memory and require fewer resources.

211. Ans. A.

Random-access memory takes the form of **integrated circuits.** RAM is normally associated with **volatile types** of memory ,where stored **information is lost** if power is removed.

212. Ans. A.

You can get **spyware** on your computer when you visit **certain websites** .It arrives as an **automatic download** from a **website you surfing**. A pop-up message may prompt you to download a software utility that it you need, or software may be **downloaded automatically** without your knowledge. This is called as **drive-by download**.

213. Ans. C.

If we want to see all the words **Microsoft Word** thinks you spelled wrong, Press **F7** and you'll jump to them one-by-one.

214. Ans. A.

A primary key is a database key uniquely identifies a record within a table.

215. Ans. C.

Bridges work at Layer 2 (Data Link) because they examine the **MAC address** of the packet which they base decisions upon.

216. Ans. C.

Character is in smallest size which is filled in a field, various field make record and record has been put in a form of file. The collection of several files is called database.

217. Ans. C.

Algorithm and protocols in the network layer are responsible for identifying the optional path to route and reliably deliver data packets from their source networks to their destination networks.

218. Ans. D.

Magnetic Ink Character Recognition Code (MICR Code) is a character-recognition technology used mainly by the banking industry to ease the processing and clearance of cheques and other documents.

219. Ans. D.

A **template** is pre-designed document that already has coordinating fonts, a layout, and a background.

Hence, option D is correct.

220. Ans. C.

Attenuation is a general term that refers to **any reduction** in the strength **of a signal**. Attenuation occurs with any type of signal, whether digital or analog.

221. Ans. D.

Normalization is a process of organizing the data in **database** to avoid data redundancy, insertion anomaly, update anomaly & deletion anomaly.

222. Ans. C.

JavaScript is most commonly used as a client side scripting language. This means that JavaScript code is written into an HTML page.

Note: When a user requests an HTML page with JavaScript in it, the script is sent to the browser to do something with it.

223. Ans. C.

SQL (Structured Query Language) is a **standard interactive and programming language** for getting information from and **updating** a database.

224. Ans. C.

A **flowchart** is a type of diagram that represents an **algorithm**, **workflow** or process, showing **the steps as boxes** of various kinds, and their order by **connecting** them with arrows. This **diagrammatic** representation illustrates a **solution model** to a given problem.

225. Ans. D.

The **control unit** (CU) is a component of a computer's **central processing unit** (CPU) that directs operation of the processor. It tells the computer's **memory**, **arithmetic/logic** unit, **input** and **output** devices how to respond to a program's instructions.

226. Ans. B.

RTF (Rich Text Format) is a text file format used by Microsoft products, such as Word and Office and developed by Microsoft in 1987 for use in their products and for cross-platform document interchange. RTF files support text style formatting, as well as images within the text.

Note: RTF files can be converted into a different format by changing the formatting selection when saving the word document.

227. Ans. B.

A monitor or a display is an **electronic visual display** for compute. A monitor usually comprises the display device, circuitry, casing and power supply.

Note:- The **display device** in modern monitors is typically a thin film transistor liquid crystal display (TFT-LCD) thin panel, while older monitors used a cathode ray tube (CRT).

228. Ans. D.

DSL (Digital Subscriber Line) uses existing **2-wire copper telephone line** connected to one's home so service is delivered at the same time as **landline** telephone service. **Broadband Internet connections** such as **DSL** and **cable** are considered **high-bandwidth** connections.

229. Ans. D.

The **File Transfer Protocol** (FTP) is a **standard network protocol** used to transfer computer files from one host to another host over a **TCP-based network** such as the Internet.

230. Ans. D.

A **peripheral device** is generally defined as any **auxiliary device** such as a **computer mouse** or **keyboard** that connects to and works with the computer in some way.

Note:- Other **examples** of peripherals are **image scanners**, **tape drives,** microphones, loudspeakers, webcams, and digital cameras.

231. Ans. D.

• A **plug-in** is a software component that adds a **specific feature** to an **existing software** application.

• When an application supports plug-ins, it enables customization.

• So, plug-ins is the correct answer.

So, option D is the correct answer.

232. Ans. E.

E-commerce (**electronic commerce**) is trading in products or services using **computer networks**, such as the **Internet**.

233. Ans. B.

Datagram is a self-contained packet of data that carries with it the source and destination information for correct routing. Datagram travels from a source computer to a destination computer via a packet switched network independent of any communication between the two computers.

234. Ans. E.

Vertical space between lines of text in a document is called **line space**.

235. Ans. C.

When operating system is loaded in RAM the **booting process** can be done, after electrical power to the CPU is switched from off to on.

236. Ans. B.

In computing, a **hyperlink** is a reference to data that the reader can **directly follow** either by clicking or by hovering.

Note:- A hyperlink points to a whole document or to a **specific element** within a document. Hypertext is text with hyperlinks.

237. Ans. C.

Wireless Application Protocol (WAP) is a technical standard for accessing information over a **mobile wireless network**. A WAP browser is a web browser for mobile devices

such as **mobile phones** that uses the protocol.

238. Ans. A.

FTP is better than HTTP as it has built in flow control. The control channel and data channels are independent of each other two separate TCP connections.

Note: FTP is the two-way systems as files are transferred back and forth between fie server and workstation. Whereas http is a one-way system as files are transported only from the web server onto the workstation's browser.

239. Ans. B.

Shift key used to type capital letters and other alternate "upper" characters. There are typically two shift keys, on the left and right sides of the row below the home row. The shift key's name originated from the typewriter, where one had to press and hold the button to shift up the case stamp to change to capital letters.

240. Ans. C.

In the context of a relational database, **a row** is also called a record or **tuple**. It represents a **single**, **implicitly structured** data item in **a table**.