

Solutions

1. Ans. E

The passage states how pollution and the associated environmental problems are increasing in the country but the Government has chosen the easy and the wrong way. It is trying to curb all sorts of protests and steps taken by the citizens and a social unrest exists. The passage states the negligence that exists from the Government's side. Thus option E is the correct answer.

2. Ans. B

The passage states how the people have started protesting against the negligent steps taken by the Government. If anyone tries to create awareness the Government takes steps and often bribes people to stop such movements. Thus option B is the correct answer.

3. Ans. C

The passage throws light on how incinerators are being used to treat the wastes dumped in huge amounts. The smoke is harmful for the health of people. However, any sort of environmental concern is being ignored by the Government.

Thus option C is the correct answer.

4. Ans. E

An inference is something which is not explicitly stated. The last line of the passage indicates that the citizens are complaining that too in large numbers and are continuing their protests against the Government. Thus option E is the correct answer.

5. Ans. C

It is clear from the passage that people are aware of the degradation of the environment and the Government is at its best to curb all these protests and hide the damage that is being done to the environment. The main point that is significant here is the awareness of the people and their intention to do something about it. Thus C is the correct answer.

6. Ans. D

While is used when two contrary points are mentioned thus A and B can fit here. A talks about point source pollution being neglected and B states the non point source of pollution being taken care of.

A states the point source of pollution being neglected whereas D states it being taken care of. Thus 'while' fits here too.

Option D is the correct answer.

7. Ans. D

'And' is used to join two sentences which speak on the same note thus A and C can be connected. Similarly C and D can be connected too. A and B cannot be connected as the first sentence talks about her coming to prominence so serving the soldiers cannot be connected to it. Option D is the correct answer.

8. Ans. C

The first blank must be 'interdependence' as the sentence states the movement of goods across the border so 'rivalry' would be incorrect here. The second statement is related to the international laws and regulations so the word 'diminution' which means 'reduction' fits here correctly. Thus option C is the correct answer. The word 'tyranny' means 'cruel and oppressive government or rule' and makes no sense here. The word 'specious' means 'false' and is inappropriate here.

9. Ans. E

The word in the first blank must be a verb and the word in the second blank must be a noun. The word 'conjurés' means 'cause (a spirit or ghost) to appear by means of a magic ritual' and does not fit here. The word 'practices' too does not make any sense here. The correct word is 'induce' which means 'generates or gives rise to' and conveys the correct meaning. The word 'arcane' means 'understood by few; mysterious or secret' and does not fit here. The word 'antiquity' means 'the ancient past, especially the period of classical and other human civilizations before the Middle Ages' and fits here correctly. Thus option E is the correct answer.

10. Ans. B

The word 'imprison' present after the blank makes it understood that the word in the blank must convey the opposite meaning. Thus 'liberated' which means 'set free' fits here correctly. Option I does not make any sense here. The word 'oppressed' means 'tortured' and does not fit here. The word 'legitimate' means 'authorized' and fits here correctly. The word 'comprehensive' means 'in depth or including or dealing with all or nearly all elements or aspects of something' and can fit here too. Option B has both the correct words thus B is the correct answer. III cannot go with V thus option C is incorrect.

11. Ans. C

The passage states that human beings are emotional beings and lack the logic to think. The following lines state some examples of terrible and severe activities all caused by emotions.

Thus option C is the correct answer.

12. Ans. B

It is clear that decisions or policies implemented through this theory ensure active participation of the people thus bringing significant results.

Option B is the correct answer.

13. Ans. D

It can be clearly understood that the policies implemented on this basis are actually influenced by the government but they seem to be people's own decisions. It is a form of indirect influence on the people's thinking and decisions. Thus D is the correct answer. Option C is incorrect. Nothing about its evils is mentioned in the passage so E is incorrect. The efficacy varies and a single statement cannot be made. Thus A and B are incorrect as well.

14. Ans. E

The passage states nothing negative about the nudge theory. It mentions how policies have been implemented by the government using this theory and how it has brought significant results. Thus option E is the correct answer.

15. Ans. C

The rate of pension was really low in UK so people wanted to save more for their future but were not confident and hesitated. The Government started a rule in the private sector that the employers would take away a certain amount of the salary for the employees' future uses. This was not mandatory and people could opt out of this if they wanted. The policy made the people confident and it really worked out well. Here the Government used the psychology of the people to create something beneficial for them but not directly enforcing it on them. Thus option C is the correct answer.

16. Ans. B

The words tormented and agonised refer to being inflicted with pain or misery.
Arouse means evoke or awaken (a feeling, emotion, or response).

17. Ans. B

Fathomed- understand (a difficult problem or an enigmatic person) after much thought.
Devastated- cause (someone) severe and overwhelming shock or grief.
Ruined- cause great and usually irreparable damage or harm to; have a disastrous effect on, destroy or ruin.
Abrupt- sudden and unexpected.
Hence, B and C are synonyms.

18. Ans. C

Consent means permission for something to happen or agreement to do something.
Nascent and emerging both mean 'beginning to exist'.
Insecure- uncertain or anxious about oneself; not confident.
Hence, B and C are synonyms.

19. Ans. E

Abundance and plethora refer to a large quantity that is more than enough or required. Hence, these are synonyms.

20. Ans. C

Statement V states how increased prosperity became a problem thus option C fits here correctly stating the reason. Increased prosperity increased the expectations of the people and the tyrants failed to fulfill the demands of the people. The other options do not make any sense here.

21. Ans. B

Statement II talks of the problem and Statement III talks of poleis. Thus option B fits in between as it talks about the frustration thereby stating the problem in details. Statement III talks more about the poleis. Thus B is the correct answer.

22. Ans. E

Statement III states how the nobles took help of the middle classes to overthrow the aristocracies. The middle class were frustrated with the power of the ruling class who was not concerned about the well being of the people. Thus E is the correct option.

23. Ans. C

All the options except C have grammatical errors. Only C makes sense that staff training is necessary for a number of purposes in one's business and it also boosts job satisfaction.

24. Ans. C

The only sentence that makes sense here is option C. It clearly states the meaning that the outcome had a greater extent as the battle lines were drawn when something happened.
Thus C is the correct answer.

25. Ans. C

The error lies in option C as the preposition 'for' is incorrect and must be replaced with 'under'. 'For' is used to specify a reason and 'under' means 'according to.'
Thus C is the correct answer.

26. Ans. B

The error lies in option B as the verb 'prohibits' in simple present is incorrect and must be replaced with the verb 'prohibited' in simple past tense to make the sentence correct. The sentence is structured in simple past as it talks about an action of the past thus this verb too must be in simple past tense. Option B is the correct answer.

27. Ans. E

The verb 'resulting' is present continuous tense is incorrect and must be replaced with the verb in simple present tense 'result' to make the sentence correct. The word 'could' has been used here thus the verb 'result' fits here correctly. Option E is the correct answer.

28. Ans. D

Statements A and B are about 'toxic and unregulated pesticides that are killing farmers and laborers.'
Statement C shows the state and central government's take on this. Statement E is the reason behind this. As we can decipher that statements A, B, C and E are general statements stating how pesticides are creating an immense developmental backlog and an acute agrarian crisis and not about any particular pesticide on some particular plant, whereas statement D focuses on cotton pests (cotton crops).
Therefore, option D is the apt answer.

29. Ans. C

The word 'hardship' which means 'a suffering' and 'deprivation' which means 'the lack or denial of something considered to be a necessity' fit here correctly as the sentence is talking about such conditions. Only option C makes sense here. The word 'turnover' means 'the amount of money taken by a business in a particular period' and makes no sense here. The word 'nettle' means 'annoy' and is irrelevant here. The word 'goad' means 'to provoke' and fails to convey any meaning here.

30. Ans. B

It is clear that the sentence is talking about ways to reduce expenses thus the phrase 'cut back' which means 'reduce' fits here correctly. The phrase 'make a reduction' too fits here. The other words either do not make any sense here or are grammatically incorrect. The phrasal verb 'call on' means 'pay a visit to someone' and makes no sense here. Thus option B is the correct answer.

31. Ans. D

The word 'halcyon' means 'serene or calm' and makes no sense here. The word 'rattle' means 'to make upset or nervous' and does not fit in the context. The correct word is 'tradeoff' which means 'a balance achieved between two desirable but incompatible features; a compromise'. The word 'compromises' too makes sense here. Only option D can fit here.

32. Ans. A

The word 'hassle' means 'an inconvenience' and 'nuisance' means 'a thing that causes inconvenience.' Thus option A conveys the correct meaning here. The word 'hasidic' means 'relating to or denoting Hasidism, a mystical Jewish movement founded in Poland in the 18th century in reaction to the rigid academicism of rabbinical Judaism' and does not fit here. The word 'freight' means 'goods transported in bulk by truck, train, ship, or aircraft' and does not convey any meaning here. Thus option A is the correct answer.

33. Ans. D

The sentence here must convey a negative meaning as the disadvantages are being stated here. Thus the word 'zealous' which means 'enthusiastic' does not fit here. The word 'dispute' means 'a disagreement' and makes no sense here. Option D fits here correctly as it conveys the proper meaning that staying can be difficult and can cause discomfort. The other options do not make any sense here.

34. Ans. E

The passage talks about reducing the cost of living so option E fits here correctly. The word 'affordable' means 'inexpensive' and 'reasonably priced' conveys the same meaning. The word 'priced' means 'expensive' and does not fit here. The word 'jejune' means 'naive, simplistic, and superficial' and is irrelevant here. The word 'insidious' means 'proceeding in a gradual, subtle way, but with very harmful effects' and is not the correct adjective. The word 'bolster' means 'a support' and does not convey the correct meaning. Thus option E is the correct answer.

35. Ans. C

The actions of staying in a car or not paying the mortgage or rent are drastic or severe steps thus 'radical actions' fit here correctly. Option C is the correct answer. The word 'mundane' means 'dull' and is not the correct word here. The word 'abstinence' means 'the act of not taking part in something' and does not convey the correct meaning. The word 'aberration' means 'an abnormality' and does not fit here. Thus option C is the correct answer.

36. Ans. C

Series following the pattern,
-0.2, +0.4, -0.8, +1.6, -3.2, +6.4
So 6.4 will be replaced by 6.2.
Hence, option C.

37. Ans. B

Series following the pattern,
*1+1, *2+2, *3+3, *4+4, *5+5, *6+6
So $112*5+5=565$
So 565 will come instead of 570.
Hence, option B.

38. Ans. D

Series following the pattern,
 -1^3+1 , -2^3+1 , -3^3+1 , -4^3+1 , -5^3+1 , -6^3+1
So 600 will come instead of 598.
Hence, option D.

39. Ans. B

Series following the pattern,
*0.5+5, *1+1, *1.5+1.5, *2+2, *2.5+2.5, *3+3
So 20 will come instead of 21.
Hence, option B.

40. Ans. A

Series following the pattern,
 $\div 0.5+1$, $\div 0.5+1$, $\div 0.5+1$, $\div 0.5+1$, $\div 0.5+1$, $\div 0.5+1$, $\div 0.5+1$
So 66 will come instead of 60.
Hence, option A.

41. Ans. D

From Village A,
We know that,
Total contestants in a village=Online contestants + Offline contestants
So $486=(100-46)54\%$
So $100\%=900$
So total contestants in village A=900
Offline contestants=900-486=414
Equal number of contestants didn't completed the survey= $92/2=46$
So online contestants who completed the survey=486-46=440
So offline contestants who completed the survey=414-46=368
Then ,who completed the survey are what percent (approximate) more than offline contestants who completed the survey,
 $(440-368)*100/368=19.5\%$
So approximate 20%.
Hence, option D.

42. Ans. B

From Village B,
We know that,
Total contestants in a village=Online contestants + Offline contestants
So $336=(100-52)48\%$
So $100\%=700$
So total contestants in village B=700
Who completed the survey=700-108=592

From Village C,
We know that,
Total contestants in a village=Online contestants +
Offline contestants
So $480=(100-40)60\%$
So $100\%=800$
So total contestants in village C=800
Who completed the survey= $800-76=724$
Then, according to the question,
 $724-592=132$
Hence, option B.

43. Ans. A
From Village D,
We know that,
Total contestants in a village=Online contestants +
Offline contestants
So $420=(100-30)70\%$
So $100\%=600$
So total contestants in village D=600
Offline contestants= $600-420=180$
Ratio of online & offline contestants who didn't completed
the survey in village 'D' is 5:3,
So, online contestants who didn't completed the
survey= $128*5/8=80$
Offline contestants who didn't completed the
survey= $128*3/8=48$
Online contestants who completed the survey= $420-80=340$
Offline contestants who completed the survey= $180-48=132$
Online contestants who completed the survey, 40% are
males then,
 $340*40/100=136$ males
Females= $340-136=204$
Offline contestants who completed the survey, 25% are
females then,
 $132*25/100=33$ females
Males= $132-33=99$
According to the question,
 $204-99=105$
Hence, option A.

44. Ans. E
From Village C,
We know that,
Total contestants in a village=Online contestants +
Offline contestants
So $480=(100-40)60\%$
So $100\%=800$
So total contestants in village C=800
Offline contestants= $800-480=320$
From Village E,
We know that,
Total contestants in a village=Online contestants +
Offline contestants
So $216=(100-55)45\%$
So $100\%=480$
So total contestants in village E=480
Offline contestants= $480-216=264$
According to the question,
 $320-264=56$
Hence, option E.

45. Ans. B
From Village A,
We know that,
Total contestants in a village=Online contestants +
Offline contestants
So $486=(100-46)54\%$
So $100\%=900$
So total contestants in village A=900
Who completed the survey= $900-92=808$
From Village D,
We know that,
Total contestants in a village=Online contestants +
Offline contestants
So $420=(100-30)70\%$
So $100\%=600$
So total contestants in village D=600
According to the question,
 $808*100/600=135\%$
Hence, option B.

46. Ans. E
From I and II,
120 girls participated in the sports and we know that
40% of girls participated in the sports then,
 $40\%=120$
 $100\%=300$
So total number of girls in the school=300
The number of girls is there in the school is 25% more
than the number of boys is participated in the sports
then,
 $300*100/125=240$
So total number of boys participated in the sports=240
Now, $60\%=240$
 $100\%=400$
So total number of boys in the school=400
So statement I and II together are necessary to answer
the questions.
Hence, option E.

47. Ans. D
Given, a box contains 10 tube lights, fewer than half of
which are defective. Two tube lights are to be drawn
simultaneously from the box.
From statement I, probability that the two tube lights to
be drawn will be defective is $1/15$.
Thus, both the tube lights are defective.

$$P = \frac{2}{10} \times \frac{1}{9} = \frac{1}{45}$$

If $n = 2$,

$$p = \frac{3}{10} \times \frac{2}{9} = \frac{1}{15}$$

If $n = 3$,

Thus, value of $n = 3$

Statement I is alone sufficient

From statement II, probability that one of the tube lights
to be drawn will be defective and the other will not be
defective is $7/15$.

Thus, one of the tube lights is defective out of the two.

Thus, either the first light will be defective or the second
light will be defective.

Probability will be same for each, thus the probability will
be doubled in each case.

If $n = 2$,

$$p = 2 \times \frac{2}{10} \times \frac{8}{9} = \frac{16}{45}$$

If $n = 3$,

$$p = 2 \times \frac{3}{10} \times \frac{7}{9} = \frac{7}{15}$$

which is given.

Thus the value of n is 3.

Statement II alone is sufficient.

Thus, statement I or statement II alone are sufficient.

48. Ans. E

From Statement I: $S.I = P \times R \times T/100 = (0.2P) \times 5 \times 1/100 = P/100$

$$C.I = P \{ [1 + (R/100)]^T - 1 \}$$

$$= 0.8P \{ [1 + (10/100)]^2 - 1 \} = (168/1000)P$$

$$\text{Then, } S.I = 10P/1000 \text{ \& } C.I = 168P/1000$$

$$\text{Total Profit} = 178P/1000$$

$$\text{Profit\%} = [(178P/1000)/(P)] \times 100 = 17.8\%$$

From Statement II: $S.I = P \times R \times T/100 = (0.2P) \times 5 \times 1/100 = P/100 = 1500$

$$C.I = 0.8P \{ [1 + (10/100)]^2 - 1 \} = (0.8 \times 150000)(21/100)$$

$$= (120000)(21/100) = \text{Rs.} 25,200$$

$$\text{Total profit} = 25200 + 1500 = 26700$$

$$\text{Profit\%} = (26700/150000) \times 100 = 267/15 = 17.8\%$$

Hence, both statements I & II are necessary to answer the question

49. Ans. C

Let the two digits be 'x' and 'y'.

Then, first number = $10x + y$

and, Second number = $10y + x$

$$\text{ATQ, sum of the two numbers} = (10x + y) + (10y + x) = 11x + 11y$$

$$= 11(x + y) = 11 \text{ times the sum of the digits}$$

From Statement I: Sum of digits = 13.

So, sum of the two numbers = $11 \times 13 = 143$

From Statement II: Difference of digits = 5 and product = 24

$$(x + y)^2 = (x - y)^2 + 4xy$$

$$\text{Or, } (x + y)^2 = (5)^2 + (4 \times 24) = 25 + 96 = 121$$

$$\text{Or, } x + y = 11$$

i.e., sum of the two numbers = $11 \times 11 = 121$

Hence, both statements I & II yield answer to the question independently.

50. Ans. A

For one year,

$$C.I. = P \{ [1 + (R/100)]^T - 1 \} = P \{ [1 + (R_{CI}/100)]^1 - 1 \} = (P \times R_{CI}) / 100$$

$$S.I. = (P \times R \times T) / 100 = (P \times R_{SI} \times 1) / 100 = (P \times R_{SI}) / 100$$

$$\text{Difference} = (P/100) \times (R_{CI} - R_{SI}) = (15000/100) \times (R_{CI} - R_{SI})$$

$$= 150(R_{CI} - R_{SI})$$

Only from Statement I, difference of rate of interest between C.I. and S.I. is replaced by 3.8%,

$$\text{Then, difference between C.I. \& S.I.} = 150 \times 3.8 = 15 \times 38 = \text{₹} 570$$

Hence, only statements I alone is required to answer the question while statement II alone cannot.

51. Ans. B

Let the marked price of the article F on both days = 100

Discount on Monday = 25%

So selling price on Monday = 75

Discount on Tuesday = 35%

So selling price on Tuesday = 65

Difference = $(75 - 65) = 10$

Then it is given difference of selling price = 100

$$10\% = 100$$

$$1\% = 10$$

So selling price on Monday,

$$75 \times 10 = 750$$

As profit is given on Monday then,

125% of CP of Monday = 750

$$CP = 600 \text{ rs.}$$

Hence, option B.

52. Ans. C

Let the marked price of article D = $400x$

Let the marked price of article A = $300x$

Discount of article D on Tuesday = 25%

$$\text{Selling price of article D} = 400x \times 75/100 = 300x$$

Discount of article A on Tuesday = 15%

$$\text{Selling price of article D} = 300x \times 85/100 = 255x$$

Profit of article D = 20%

Profit of article A = 27.5%

Ratio of cost prices of both articles,

$$CP_D \times 120\% / CP_A \times 127.5\% = SP_D / SP_A$$

$$CP_D \times 120\% / CP_A \times 127.5\% = 300x / 255x$$

$$CP_D / CP_A = 300 \times 1275 / 255 \times 1200$$

$$CP_D / CP_A = 5/4$$

Hence, option C.

53. Ans. D

Marked price of article E = 1200

Discount on Monday of article E = 10%

So selling price of article E on

$$\text{Monday} = 1200 \times 90/100 = 1080$$

Total selling price of article A on Tuesday and article E on Monday is 1590

So selling price of article A on Tuesday = $1590 - 1080 = 510$

Discount on Tuesday for article A = 15%

Let the marked price of article A = 100

So selling price of article A on Tuesday = $100 - 15 = 85\%$

$$\text{Now, } 85\% = 510$$

$$\text{Then } 100\% = 600$$

So marked price of article A = 600

Cost price of article C is $5/4$ of the marked price of article A,

$$\text{So cost price of article C} = 600 \times 5/4 = 750$$

Marked price of article C = 1400

Discount on Monday = 40%

So selling price of article C on

$$\text{Monday} = 1400 \times 60/100 = 840$$

$$\text{So profit of article C on Monday} = 840 - 750 = 90$$

Hence, option D.

54. Ans. C

Marked price of article B = 1500

Discount on Monday = 25%

$$\text{Selling price of article B on Monday} = 1500 \times 75/100 = 1125$$

Marked price of article C = 1400

Discount on Tuesday = 20%

$$\text{Selling price of article B on Monday} = 1400 \times 80/100 = 1120$$

Marked price of article E = 1200

Discount on Tuesday = 30%

$$\text{Selling price of article B on Monday} = 1200 \times 70/100 = 840$$

Total selling price = $1125 + 1120 + 840 = 3085$
Hence, option C.

55. Ans. E

Marked price of article B = 1500
Discount of article B on Tuesday = 30%
Selling price of article B on Tuesday = $1500 \times 70/100 = 1050$
Profit of article B on Tuesday = 5%
So, $105\% = 1050$
Then CP of article B = $1050 \times 100/105 = 1000$
Total CP of article B and article D = 1500
CP of article D = $1500 - 1000 = 500$
Hence, option E.

56. Ans. B

The number of vehicles on Friday is 40000.
Hence, option B.
Total vehicles on Saturday = 75000
Total vehicles on Sunday = $75000 \times 4/5 = 60000$
Saturday,
The number of vehicles on highway B is 15000 less than that of highway A & C together.
Let A & C together = x
Then highway B = $x - 15000$
 $x + x - 15000 = 75000$
 $x = 45000$
So on highway B = $75000 - 45000 = 30000$
A & C = 45000
Friday,
The number of vehicles on highway B is one third of the highway B of Saturday.
So on highway B = $30000/3 = 10000$
Sunday,
The number of vehicle of highway A is equal to highway B of Saturday.
So highway A = 30000
Saturday,
The number of vehicles on highway A is $5/6^{\text{th}}$ of highway A of Sunday.
So highway A = $30000 \times 5/6 = 25000$
We know that highway A + C = 45000
So highway C = $45000 - 25000 = 20000$
Sunday,
The number of vehicles on highway C is same on Saturday and Sunday.
So highway C = 20000
Total Sunday = 60000
Then highway B = $60000 - (30000 + 20000) = 10000$
Friday,
The number of vehicles on highway C is $3/4^{\text{th}}$ of highway C of Saturday.
So highway C = $20000 \times 3/4 = 15000$
The number of vehicle on highway A and C is same.
So highway A = 15000

Day	Highway A	Highway B	Highway C
Friday	15000	10000	15000
Saturday	25000	30000	20000
Sunday	30000	10000	20000

57. Ans. D

The total number of vehicles on highway A of three days,
 $15000 + 25000 + 30000 = 70000$
Hence, option D.

Total vehicles on Saturday = 75000

Total vehicles on Sunday = $75000 \times 4/5 = 60000$

Saturday,

The number of vehicles on highway B is 15000 less than that of highway A & C together.

Let A & C together = x

Then highway B = $x - 15000$

$x + x - 15000 = 75000$

$x = 45000$

So on highway B = $75000 - 45000 = 30000$

A & C = 45000

Friday,

The number of vehicles on highway B is one third of the highway B of Saturday.

So on highway B = $30000/3 = 10000$

Sunday,

The number of vehicle of highway A is equal to highway B of Saturday.

So highway A = 30000

Saturday,

The number of vehicles on highway A is $5/6^{\text{th}}$ of highway A of Sunday.

So highway A = $30000 \times 5/6 = 25000$

We know that highway A + C = 45000

So highway C = $45000 - 25000 = 20000$

Sunday,

The number of vehicles on highway C is same on Saturday and Sunday.

So highway C = 20000

Total Sunday = 60000

Then highway B = $60000 - (30000 + 20000) = 10000$

Friday,

The number of vehicles on highway C is $3/4^{\text{th}}$ of highway C of Saturday.

So highway C = $20000 \times 3/4 = 15000$

The number of vehicle on highway A and C is same.

So highway A = 15000

Day	Highway A	Highway B	Highway C
Friday	15000	10000	15000
Saturday	25000	30000	20000
Sunday	30000	10000	20000

58. Ans. B

$60000/3 = 20000$

Hence, option B.

Total vehicles on Saturday = 75000

Total vehicles on Sunday = $75000 \times 4/5 = 60000$

Saturday,

The number of vehicles on highway B is 15000 less than that of highway A & C together.

Let A & C together = x

Then highway B = $x - 15000$

$x + x - 15000 = 75000$

$x = 45000$

So on highway B = $75000 - 45000 = 30000$

A & C = 45000

Friday,

The number of vehicles on highway B is one third of the highway B of Saturday.

So on highway B = $30000/3 = 10000$

Sunday,

The number of vehicle of highway A is equal to highway B of Saturday.

So highway A = 30000

Saturday,
The number of vehicles on highway A is $\frac{5}{6}$ th of highway A of Sunday.

So highway A = $30000 \times \frac{5}{6} = 25000$

We know that highway A + C = 45000

So highway C = $45000 - 25000 = 20000$

Sunday,

The number of vehicles on highway C is same on Saturday and Sunday.

So highway C = 20000

Total Sunday = 60000

Then highway B = $60000 - (30000 + 20000) = 10000$

Friday,

The number of vehicles on highway C is $\frac{3}{4}$ th of highway C of Saturday.

So highway C = $20000 \times \frac{3}{4} = 15000$

The number of vehicle on highway A and C is same.

So highway A = 15000

Day	Highway A	Highway B	Highway C
Friday	15000	10000	15000
Saturday	25000	30000	20000
Sunday	30000	10000	20000

59. Ans. C

Highway A on Saturday = 25000

Highway C on Friday = 15000

Difference = $25000 - 15000 = 10000$

Hence, option C.

Total vehicles on Saturday = 75000

Total vehicles on Sunday = $75000 \times \frac{4}{5} = 60000$

Saturday,

The number of vehicles on highway B is 15000 less than that of highway A & C together.

Let A & C together = x

Then highway B = $x - 15000$

$x + x - 15000 = 75000$

$x = 45000$

So on highway B = $75000 - 45000 = 30000$

A & C = 45000

Friday,

The number of vehicles on highway B is one third of the highway B of Saturday.

So on highway B = $30000 / 3 = 10000$

Sunday,

The number of vehicle of highway A is equal to highway B of Saturday.

So highway A = 30000

Saturday,

The number of vehicles on highway A is $\frac{5}{6}$ th of highway A of Sunday.

So highway A = $30000 \times \frac{5}{6} = 25000$

We know that highway A + C = 45000

So highway C = $45000 - 25000 = 20000$

Sunday,

The number of vehicles on highway C is same on Saturday and Sunday.

So highway C = 20000

Total Sunday = 60000

Then highway B = $60000 - (30000 + 20000) = 10000$

Friday,

The number of vehicles on highway C is $\frac{3}{4}$ th of highway C of Saturday.

So highway C = $20000 \times \frac{3}{4} = 15000$

The number of vehicle on highway A and C is same.
So highway A = 15000

Day	Highway A	Highway B	Highway C
Friday	15000	10000	15000
Saturday	25000	30000	20000
Sunday	30000	10000	20000

60. Ans. D

Vehicles on highway B on Friday = 10000

Total vehicles on Sunday = 60000

According to the questions,

$10000 \times 100 / 60000 = 16.66\%$

Hence, option D.

Total vehicles on Saturday = 75000

Total vehicles on Sunday = $75000 \times \frac{4}{5} = 60000$

Saturday,

The number of vehicles on highway B is 15000 less than that of highway A & C together.

Let A & C together = x

Then highway B = $x - 15000$

$x + x - 15000 = 75000$

$x = 45000$

So on highway B = $75000 - 45000 = 30000$

A & C = 45000

Friday,

The number of vehicles on highway B is one third of the highway B of Saturday.

So on highway B = $30000 / 3 = 10000$

Sunday,

The number of vehicle of highway A is equal to highway B of Saturday.

So highway A = 30000

Saturday,

The number of vehicles on highway A is $\frac{5}{6}$ th of highway A of Sunday.

So highway A = $30000 \times \frac{5}{6} = 25000$

We know that highway A + C = 45000

So highway C = $45000 - 25000 = 20000$

Sunday,

The number of vehicles on highway C is same on Saturday and Sunday.

So highway C = 20000

Total Sunday = 60000

Then highway B = $60000 - (30000 + 20000) = 10000$

Friday,

The number of vehicles on highway C is $\frac{3}{4}$ th of highway C of Saturday.

So highway C = $20000 \times \frac{3}{4} = 15000$

The number of vehicle on highway A and C is same.

So highway A = 15000

Day	Highway A	Highway B	Highway C
Friday	15000	10000	15000
Saturday	25000	30000	20000
Sunday	30000	10000	20000

61. Ans. E

$A + B = 11$, $A = (B - 11)$

$(11 - B)^2 + B^2 = 73$

$121 - 22B + B^2 = 73$

$B^2 - 11B + 24 = 0$

$B = +8, +3$

So If B's value is 8 then A's value is 3 or B's value is 3

then A's value is 8.

So in quantity I,

$$(8)^3 + (3)^3 = 512 + 9 = 539$$

Quantity I = 539

Quantity II = 539

So, both are equal and no relation can be made.

Hence, option E.

62. Ans. E

$$m^4 = 1/625$$

so $m = -1/5$ and $1/5$

Quantity I = $-1/5$ and $1/5$

Quantity 2: 0

We get first, $0 < 1/5$

We get second, $0 > -1/5$

Clearly Quantity 1 = Quantity 2 or no relation can be established

Hence, option E.

63. Ans. B

Quantity 1:

Let the number be $(10X+Y)$, interchanged number is $(10Y+X)$

Hence

$$(10Y+X) = (10X+Y)+36$$

$$9(Y-X) = 36$$

$$Y - X = 4$$

$$Y = X + 4$$

Hence set of numbers = $\{04, 15, 26, 37, 48, 59\}$

Probability = $6/63$

Quantity 2:

Multiple of 8 but not 16 = $\{8, 24, 40, 56\}$

Probability = $4/63$

Hence Quantity 1 > Quantity 2

64. Ans. E

Formula:

$$\text{Average Speed} = \frac{\text{Total Distance covered}}{\text{Total Time Taken}} \dots\dots\dots (A)$$

Let the distance between Meera's school and house be D.

She covered this distance 3 times, while going to school, coming back home to get her books and then back to school again.

Therefore, Total distance covered = $3 \times D$ (I)

Formula:

The relation between Distance travelled, Speed of travel and the Time taken to travel this distance is given by:

$$\text{Distance} = \text{Speed} \times \text{Time}$$

$$\therefore \text{Time} = \frac{\text{Distance}}{\text{Speed}} \dots\dots\dots (B)$$

Now, the total time taken by Meera is equal to sum of the amounts if time taken in the 3 parts of the journey.

$$\therefore \text{Total time} = \text{time}_1 + \text{time}_2 + \text{time}_3 \dots\dots\dots (II)$$

time_1 is the time taken to go from home to school for a distance D and speed of 3 mph.

Using formula (B):

$$\text{time}_1 = \frac{\text{Distance}}{\text{Speed}}$$

$$\text{time}_1 = \frac{D}{3} \dots\dots\dots (III)$$

Similarly,

time_2 is the time taken to go from home to school for a distance D and speed of 6 mph.

$$\text{time}_2 = \frac{\text{Distance}}{\text{Speed}}$$

$$\text{time}_2 = \frac{D}{6} \dots\dots\dots (IV)$$

time_3 is the taken to go back to school from home for a distance D and speed of 4 mph.

$$\text{time}_3 = \frac{\text{Distance}}{\text{Speed}}$$

$$\text{time}_3 = \frac{D}{4} \dots\dots\dots (V)$$

Substituting values of time_1 , time_2 and time_3 in equation (II) we get,

$$\text{Total time} = \frac{D}{3} + \frac{D}{6} + \frac{D}{4}$$

$$\text{Total time} = D \left(\frac{1}{3} + \frac{1}{6} + \frac{1}{4} \right)$$

$$\text{Total time} = D \left(\frac{1}{2} + \frac{1}{4} \right)$$

$$\text{Total time} = D \left(\frac{3}{4} \right)$$

$$\therefore \text{Total time} = \frac{3}{4} D \dots\dots\dots (VI)$$

Substituting values from (I) and (VI) in formula (A) we get,

$$\text{Average Speed} = \frac{\text{Total Distance Covered}}{\text{Total time taken}}$$

$$\text{Average Speed} = \frac{3D}{\frac{3}{4} D}$$

$$\therefore \text{Average Speed} = 4$$

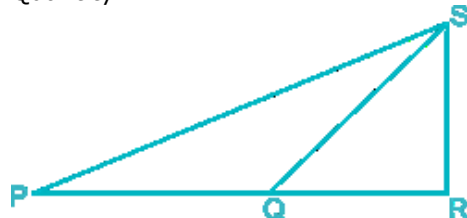
Thus, the value of Quantity I evaluates to 4 mph, which is equal to Quantity II.

i.e. Quantity I = Quantity II

Hence, the correct answer is option (E).

65. Ans. C

Quantity A:



ΔPQS and ΔSRQ are isosceles triangles

$\therefore PQ = QS$ and $QR = RS$

$\therefore \angle QPS = \angle QSP$

Also, $\angle PRS = \angle QRS$

$\angle PRS = \angle QRS = 104^\circ$

An isosceles triangle is a triangle with (at least) two equal sides. The two equal sides have equal length. This property is equivalent to two angles of the triangle being equal. An isosceles triangle, therefore, has both two equal sides and two equal angles.

$\Rightarrow \angle QSR + \angle QRS + \angle RQS = 180^\circ$

$\Rightarrow 104^\circ + 2\angle QSR = 180^\circ$

$\Rightarrow 2\angle QSR = 76^\circ$

$\Rightarrow \angle QSR = 38^\circ$

Now, $\angle QRS + \angle QPS + \angle QSP + \angle QSR = 180^\circ$

$\Rightarrow 104^\circ + 2\angle QPS + 38^\circ = 180^\circ$

$\Rightarrow 142^\circ + 2\angle QPS = 180^\circ$

$\Rightarrow \angle QPS = 19^\circ$

Hence, $\angle QPS = 19^\circ$

Quantity B:

$20^\circ, 19^\circ$

Now, comparing

$19^\circ < 20^\circ$

$19^\circ = 19^\circ$

Hence, Quantity A \leq Quantity B

66. Ans. B

Let A's work = 100

B's work = $100 \times 100 / 300 = 300$

C's work = $300 \times 100 / 150 = 200$

A	:	B	:	C
100	:	300	:	200
1		3		2

Total work $6x \times 2 = 12x$

So A's work = $12/1 = 12$ days

B's work = $12/3 = 4$ days

C's work = $12/2 = 6$ days

So A alone can complete the work in 12 days.

Hence, option B.

67. Ans. D

One year before age,

A : B : C

1	2
4	7

So final ratio,

4 : 8 : 14

2 : 4 : 7

Present ratio,

$2x+1 : 4x+1 : 7x+1$

According to the question,

$2x+1+4x+1+7x+1=81$

$13x+3=81$

$x=6$

So present age of B,

$4 \times 6 + 1 = 25$

After 6 years,

$25+6=31$ years.

Hence, option D.

68. Ans. B

Circumference of a circle = $2\pi R$

Circumference of a circle = $\pi R + 2R$

So,

$2\pi R + \pi R + 2R = 400$

$3\pi R + 2R = 400$

$R(3\pi + 2) = 400$

$R(3 \times 22/7 + 2) = 400$

$R \times 80/7 = 400$

$R = 400 \times 7/80$

$R = 35$ cm

Radius of another circle whose radius is 200% more than R,

So another circle radius will be $R + 2R = 3R$

$3 \times 35 = 105$ cm

Hence, option B.

69. Ans. A

Let the quantity of water = x

According to the question,

$40 + x/50 + x = 6/7$

$280 + 7x = 300 + 6x$

$x = 20$

So quantity of water in each vessel = 20L

After putting into vessel C,

Total milk = $40 + 50 = 90$ L

Total water = $20 + 20 = 40$ L

So milk/water = $90/40 = 9:4$

Hence, option A.

70. Ans. C

Let the cost price of the watch be x. Hence the cost price of the speaker = $1600 - x$.

Profit obtained = Profit % * Cost Price/100.

Hence Profit obtained on the watch = $30 \times x/100 = 0.3x$.

Profit obtained on the speaker = $20 \times (1600 - x)/100$

$= 320 - 0.2x$.

Total profit = $320 + 0.3x - 0.2x = 320 + 0.1x$.

But profit = $25.625\% = 25.625 \times 1600/100 = \text{Rs. } 410$.

Hence, $320 + 0.1x = 410$, $0.1x = 410 - 320 = 90$. Hence

$x = 90/0.1 = \text{Rs. } 900$.

Hence, the cost price of the speaker = $1600 - 900$

= Rs. 700.

Selling price = Cost Price + Profit = $700 + 700 \times 20/100$

= $700 + 140 = \text{Rs. } 840$.

Let the marked price be y. Hence $840 = y - 20 \times y/100 =$

$0.8y$. (Since a discount of 20% was offered)

Hence $y = 840/0.8 = \text{Rs. } 1050$.

Difference between marked price and selling price

= $1050 - 840 = \text{Rs. } 210$.

Hence the shopkeeper would have obtained Rs. 210 more if he would have sold the speaker at its marked price.

Hence option c

71. Ans. D

The statements point to the fact that perhaps the reason for its success with mothers was its low preparation time in comparison to other noodles.

72. Ans. C

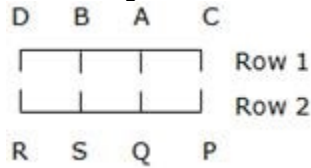
Provides a reason for the success of Maggi with mothers.

73. Ans. B

(The first paragraph says "Already, the consequences of what the voters said and why they said it have begun to reshape Britain's future in profound and potentially dangerous ways". But it does not necessarily mean that the present trend will continue).

74. Ans. B

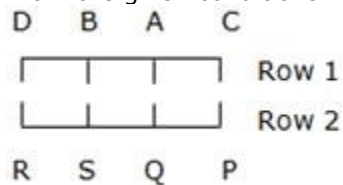
From the given conditions we can conclude:



Hence B sits second to the right of the person who faces P.

75. Ans. C

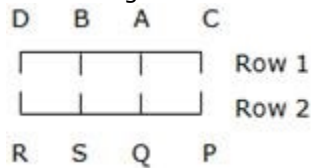
From the given conditions we can conclude:



Here all others are sitting at extreme ends.

76. Ans. B

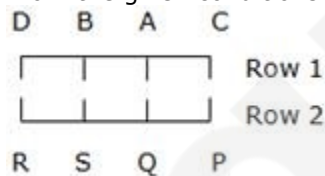
From the given conditions we can conclude:



So A sits on the immediate right of C hence option B is correct.

77. Ans. D

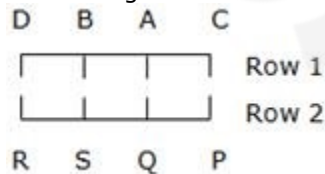
From the given conditions we can conclude:



Hence D faces R.

78. Ans. D

From the given conditions we can conclude:



Hence S faces B.

79. Ans. A

One

There is only one person sits between the G, who likes Red color and the person who likes Violet color. Neither A nor the person who likes Violet color sit on the extreme

end of the line. There are two persons sit between G and the one who likes Black color. The one who likes Blue color sits second to right of one who likes Green color. H sits immediate left of one who likes Black color. There are two persons sit between H and F, who likes white color. B sits third to left of F. A sits fourth to left of person who stays likes Violet color. C likes orange color. D sits not adjacent to H.

B D A F G C H E

(Green) (Yellow) (Blue) (White) (Red) (Orange) (Violet) (Black)

80. Ans. B

Yellow

There is only one person sits between the G, who likes Red color and the person who likes Violet color. Neither A nor the person who likes Violet color sit on the extreme end of the line. There are two persons sit between G and the one who likes Black color. The one who likes Blue color sits second to right of one who likes Green color. H sits immediate left of one who likes Black color. There are two persons sit between H and F, who likes white color. B sits third to left of F. A sits fourth to left of person who stays likes Violet color. C likes orange color. D sits not adjacent to H.

B D A F G C H E

(Green) (Yellow) (Blue) (White) (Red) (Orange) (Violet) (Black)

81. Ans. C

The one who likes Black color

There is only one person sits between the G, who likes Red color and the person who likes Violet color. Neither A nor the person who likes Violet color sit on the extreme end of the line. There are two persons sit between G and the one who likes Black color. The one who likes Blue color sits second to right of one who likes Green color. H sits immediate left of one who likes Black color. There are two persons sit between H and F, who likes white color. B sits third to left of F. A sits fourth to left of person who stays likes Violet color. C likes orange color. D sits not adjacent to H.

B D A F G C H E

(Green) (Yellow) (Blue) (White) (Red) (Orange) (Violet) (Black)

82. Ans. D

Black

There is only one person sits between the G, who likes Red color and the person who likes Violet color. Neither A nor the person who likes Violet color sit on the extreme end of the line. There are two persons sit between G and the one who likes Black color. The one who likes Blue color sits second to right of one who likes Green color. H sits immediate left of one who likes Black color. There are two persons sit between H and F, who likes white color. B sits third to left of F. A sits fourth to left of person who stays likes Violet color. C likes orange color. D sits not adjacent to H.

B D A F G C H E

(Green) (Yellow) (Blue) (White) (Red) (Orange) (Violet) (Black)

83. Ans. E

None of these

There is only one person sits between the G, who likes Red color and the person who likes Violet color. Neither A nor the person who likes Violet color sit on the extreme end of the line. There are two persons sit between G and the one who likes Black color. The one who likes Blue color sits second to right of one who likes Green color. H sits immediate left of one who likes Black color. There are two persons sit between H and F, who likes white color. B sits third to left of F. A sits fourth to left of person who stays likes Violet color. C likes orange color. D sits not adjacent to H.

B D A F G C H E

(Green) (Yellow) (Blue) (White) (Red) (Orange) (Violet) (Black)

84. Ans. C

P@Q means P is to the west of Q; P is either 2 or 12 km west of Q

R#P means R is to the south east of Point P.

Q\$R means Q is to the North of R; Q is either 5 or 9 km north of R.

By the given statements-

Now only condition satisfying the given condition will be only if the distance between

P and Q = 12

Q and R = 5

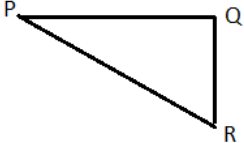
By Pythagoras theorem,

$$PR^2 = PQ^2 + QR^2$$

$$13^2 = 12^2 + 5^2$$

$$169 = 169$$

Hence option c is the right answer.



85. Ans. D

U @Q means U is to the west of Q; U is either 2 or 12 km west of Q.

U\$T means U is to the North of T; U is either 5 or 9 km north of T.

T#S means T is to the east of S; T is either 2 or 12 km east of S.

R#T means R is to the east of T; R is either 2 or 12 km east of T.

By the given statements.

From the given combinations, Distance between S and R can be

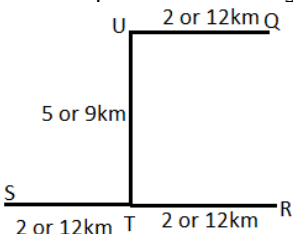
i. $2+12=14$

ii. $12+12=24$

iii. $2+2=4$

Combination of 16 cannot be possible.

Hence option D is the right answer.



86. Ans. B

S@\$T means S is to the north west of point T.

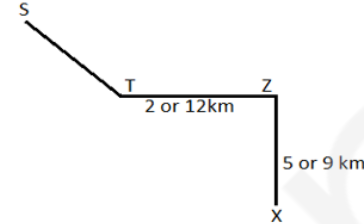
T@Z means T is to the west of Z; T is either 2 or 12 km west of Z

X&Z means X is to the south of Z; X is either 5 or 9 km south of Z

By the given statements:

Clearly X is in South east of point S.

Hence option b is the right answer.



87. Ans. B

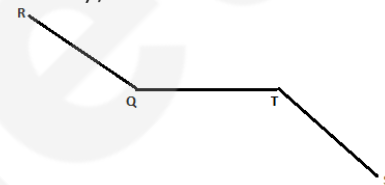
S#T; S is to the south east of Point T.

T#Q; T is to the east of Q; T is either 2 or 12 km east of Q.

R@\$Q; R is to the north west of point Q.

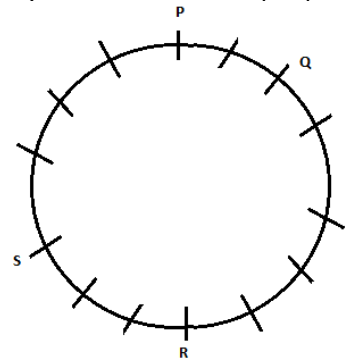
By the given statements;

Clearly, R is to the northwest of point S.



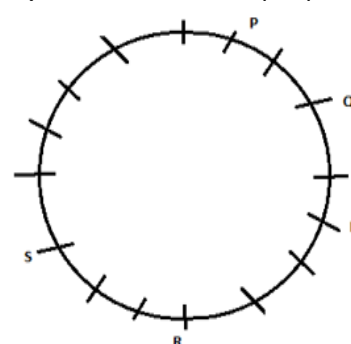
88. Ans. A

a) if we consider 14 people are sitting in a row.



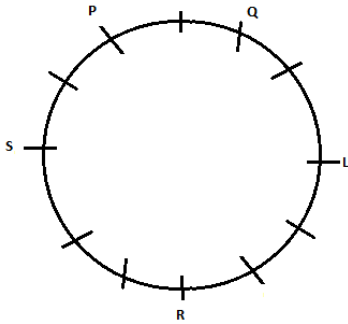
Since less than three people are sitting between S and R. We will not consider this case.

b) if we consider 16 people are sitting in a row.



Since less than three people are sitting between S and R. We will not consider this case.

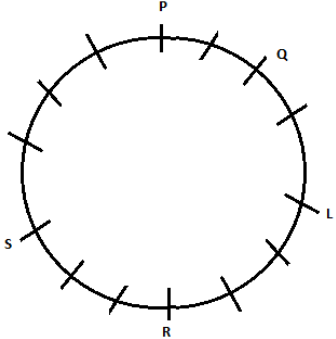
c) if we consider 12 people are sitting in a row.



Since less than three people are sitting between S and R. This satisfies the given condition. Hence, option C is the right answer.

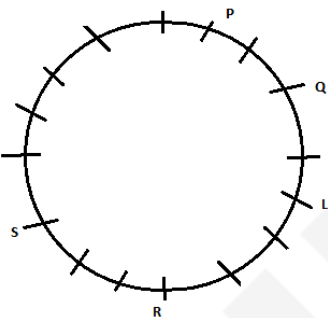
89. Ans. C

if we consider 14 people are sitting in a row.



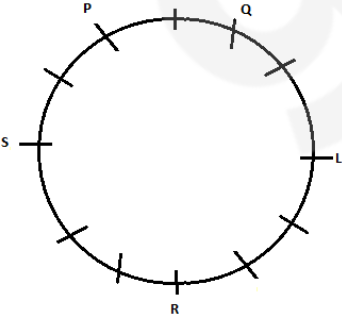
Since less than three people are sitting between S and R. We will not consider this case.

b) if we consider 16 people are sitting in a row.



Since less than three people are sitting between S and R. We will not consider this case.

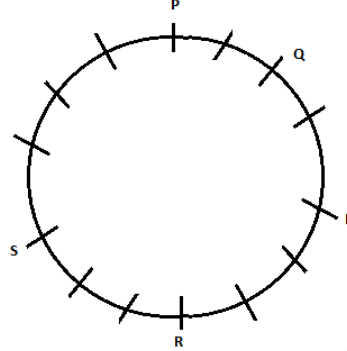
c) if we consider 12 people are sitting in a row.



Since less than three people are sitting between S and R. This satisfies the given condition. L is fourth to the left of P.

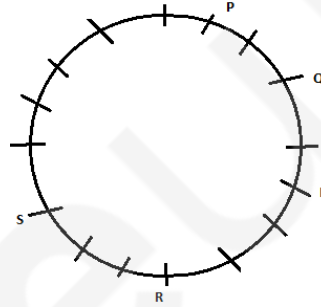
90. Ans. B

if we consider 14 people are sitting in a row.



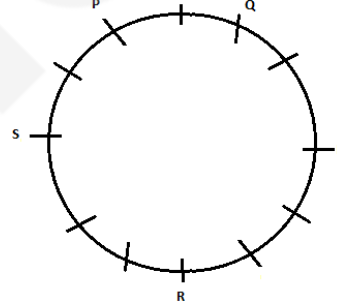
Since less than three people are sitting between S and R. We will not consider this case.

b) if we consider 16 people are sitting in a row.



Since less than three people are sitting between S and R. We will not consider this case.

c) if we consider 12 people are sitting in a row.



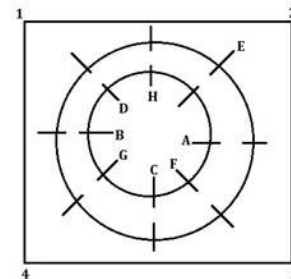
Since less than three people are sitting between S and R. This satisfies the given condition.

There are 4 persons sitting between R and P in anti-clockwise direction.

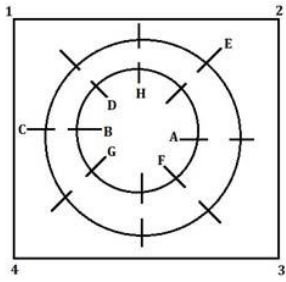
91. Ans. D

After that they picked a card-

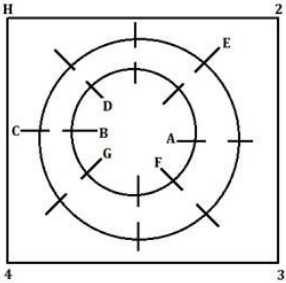
1. E picks a card and found it an ACE of hearts so E picks a card of hearts. It means E will move out to outer circle at the same position and facing inside.



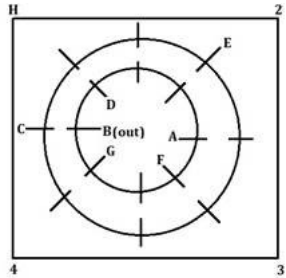
2. C picks a card of club, it means he will move out to outer circle to the position 2nd to the left of his previous position facing inside.



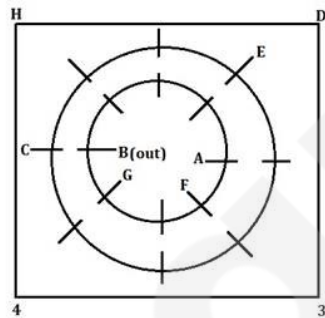
3. H picks a card of diamond, it means he will move out to the square table at corner no.1.



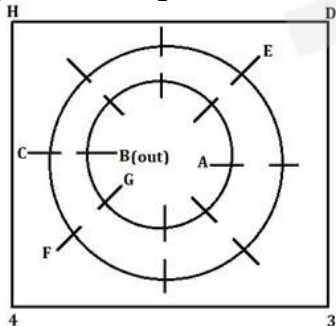
4. B picks a card of spade, he will remain at the same position, same inner circle but will change his face to outside the circle.



5. D picks a card of diamond, it means he will move out to the square table at corner no.2



6. F picks a card of club, it means he will move out to outer circle to the position 2nd to the left of his previous position facing inside.

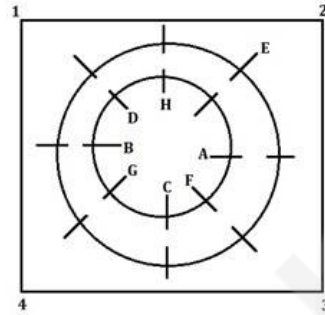


Three are left in the inner circle.
Hence, option D.

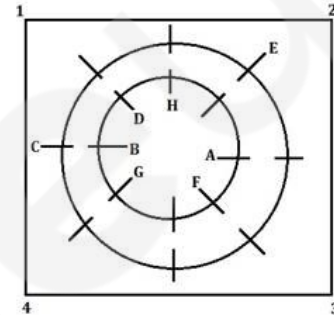
92. Ans. D

After that they picked a card-

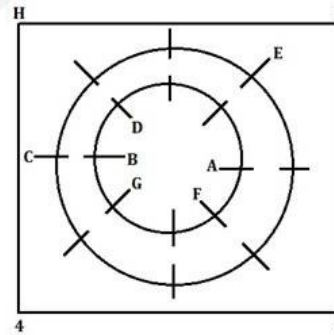
1. E picks a card and found it an ACE of hearts so E picks a card of hearts. It means E will move out to outer circle at the same position and facing inside.



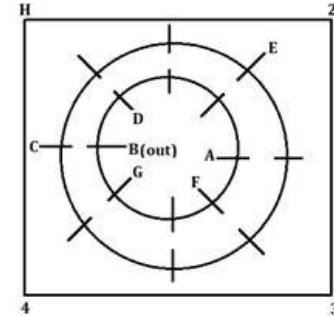
2. C picks a card of club, it means he will move out to outer circle to the position 2nd to the left of his previous position facing inside.



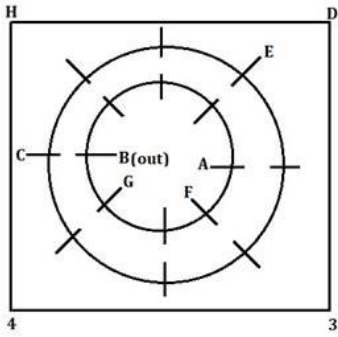
3. H picks a card of diamond, it means he will move out to the square table at corner no.1.



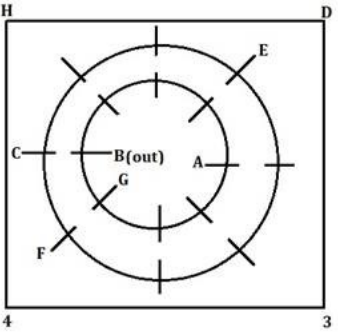
4. B picks a card of spade, he will remain at the same position, same inner circle but will change his face to outside the circle.



5. D picks a card of diamond, it means he will move out to the square table at corner no.2



6. F picks a card of club, it means he will move out to outer circle to the position 2nd to the left of his previous position facing inside.

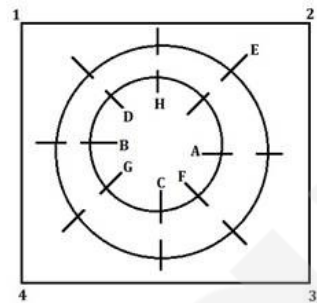


Three persons are between them.
Hence, option D.

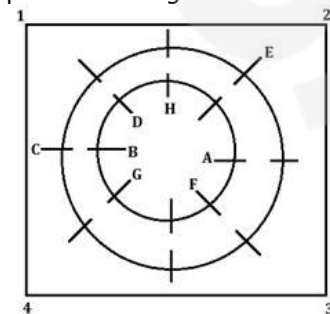
93. Ans. A

After that they picked a card-

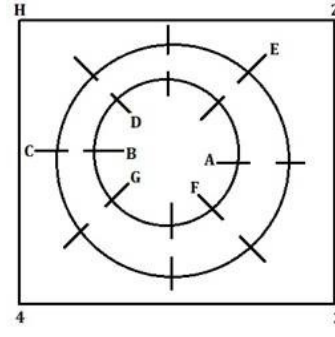
1. E picks a card and found it an ACE of hearts so E picks a card of hearts. It means E will move out to outer circle at the same position and facing inside.



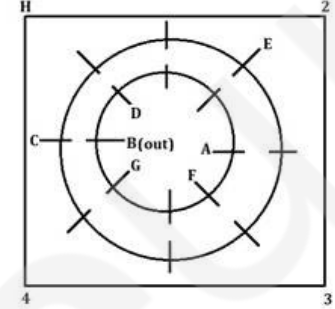
2. C picks a card of club, it means he will move out to outer circle to the position 2nd to the left of his previous position facing inside.



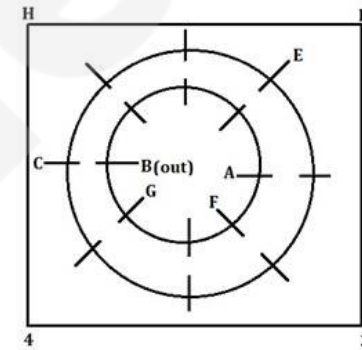
3. H picks a card of diamond, it means he will move out to the square table at corner no.1.



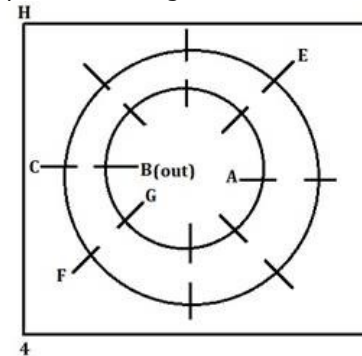
4. B picks a card of spade, he will remain at the same position, same inner circle but will change his face to outside the circle.



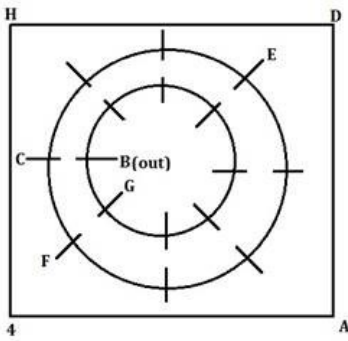
5. D picks a card of diamond, it means he will move out to the square table at corner no.2



6. F picks a card of club, it means he will move out to outer circle to the position 2nd to the left of his previous position facing inside.



As A will be third to find the diamond card so A will move to 3rd position in the square so A will be 2nd to the left of H.

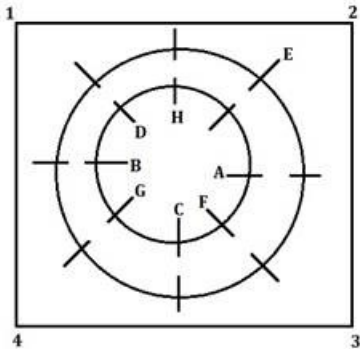


Hence, option A.

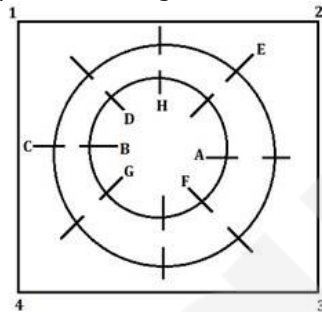
94. Ans. B

After that they picked a card-

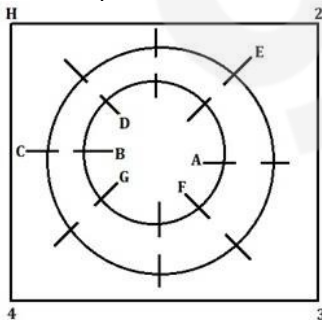
1. E picks a card and found it an ACE of hearts so E picks a card of hearts. It means E will move out to outer circle at the same position and facing inside.



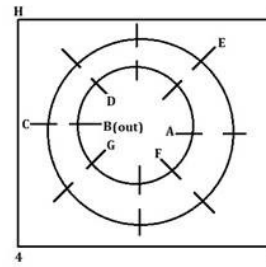
2. C picks a card of club, it means he will move out to outer circle to the position 2nd to the left of his previous position facing inside.



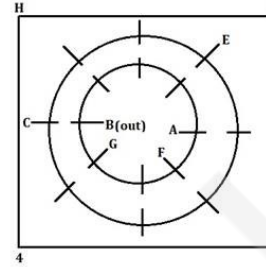
3. H picks a card of diamond, it means he will move out to the square table at corner no.1.



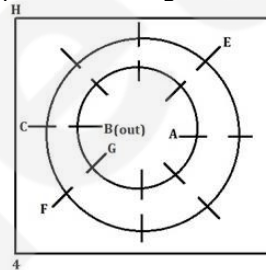
4. B picks a card of spade, he will remain at the same position, same inner circle but will change his face to outside the circle.



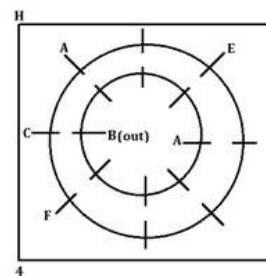
5. D picks a card of diamond, it means he will move out to the square table at corner no.2



6. F picks a card of club, it means he will move out to outer circle to the position 2nd to the left of his previous position facing inside.

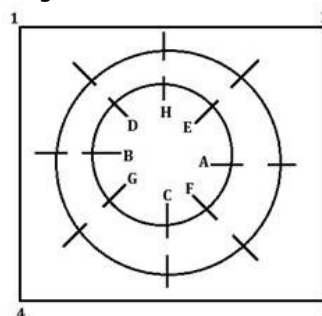


C will be immediate neighbor of G.



Inner circle: All the persons are facing inside-

B is 2nd to the left of C. A sits opposite to B. One person sits between A and H. Two persons sit between H and G. G is not neighbor of A. D is 2nd to the left of G. F is not neighbor of H.



Hence, option B.

95. Ans. D

The budget of Rajnagar is not more than 55 lakhs and all fast bowlers must be included in the team. So, Q, R and T are selected in this team.

$$Q + R + T = 7 + 8 + 6 = 21 \text{ lakhs}$$

At least two batsmen are selected and a keeper must include.

So, suppose A, B and C are selected. Total budget = $A + B + C = 10 + 9 + 8 = 27$ lakhs.

Between D and P one will be selected. $21 + 27 = 48$ lakhs

For D, budget = $48 + 7 = 55$ lakhs.

For P, budget = $48 + 9 = 57$ lakhs

So final selected players are Q, R, T, A, B, C and D
D and T must be selected.

96. Ans. E

As P and S are not selected in the first match they must play in the second match so P must play along with S.

97. Ans. D

Based on the conditions two teams are possible:-

First team- Q, R, T, D, B and C = 45 lakhs

Second team- Q, R, T, P, C and D = 45 lakhs

So player A is not playing in this team.

98. Ans. B

As all the batsmen are playing along with them P and S are also playing as they are not playing in the first match.

$$A + B + C + D + P + S = 53 \text{ lakhs}$$

Total budget of Mirgarh is not more than 60 lakhs.

So R is not playing in this team.

99. Ans. D

Neither statement has seen any corroboration for why it is happening making option [d] the best suited option.

100. Ans. D

The last line clearly states activists disunity and local indifference as reasons for the rape of Indian architectural wealth. Hence, the environment created by this is ideal for antique dealers to thrive in India.

101. Ans. B

Here you might get tempted to fill out option A as it seems quite genuine. But to seek consultation the company will first need to hire the Consultancy Firm which will increase the expenditure wherein now they need to focus upon paying their Employees first.

102. Ans. D

VVPAT means Voter Verifiable Paper Audit Trail. This system will help people to see that the vote is been casted as per their desire and this will increase transparency. The word 'verifiable' tell us that option D is the correct option.

103. Ans. B

F is the shortest in the group.

- E is only taller than C and F. So E is 3rd shortest. B is taller than A and E and D is taller than B. So we get $D > B > A/E$. D must be tallest.

Rank	Height	Weight
1(Highest)	D	
2	B	
3	A	
4	E	
5	C/F	
6(Lowest)	C/F	

- Only one person lighter than A and we know that B is lighter than A. So B must be lightest.
- D is heavier than C and E but not the heaviest. Then F must be heaviest.

Rank	Height	Weight
1(Highest)	D	F
2	B	D
3	A	C/E
4	E	E/C
5	C/F	A
6(Lowest)	C/F	B

- Not more than two persons are heavier than C. So C must be 3rd heaviest and E must be 4th heaviest.
- The number of person is heavier than F is same as shorter than him. No one is heavier than F so F must be shortest also.

Here is the final table:

Rank	Height	Weight
1(Highest)	D	F
2	B	D
3	A	C
4	E	E
5	C	A
6(Lowest)	F	B

104. Ans. C

F is the heaviest in the group.

- E is only taller than C and F. So E is 3rd shortest. B is taller than A and E and D is taller than B. So we get $D > B > A/E$. D must be tallest.

Rank	Height	Weight
1(Highest)	D	
2	B	
3	A	
4	E	
5	C/F	
6(Lowest)	C/F	

- Only one person lighter than A and we know that B is lighter than A. So B must be lightest.
- D is heavier than C and E but not the heaviest. Then F must be heaviest.

Rank	Height	Weight
1(Highest)	D	F
2	B	D
3	A	C/E
4	E	E/C
5	C/F	A
6(Lowest)	C/F	B

- Not more than two persons are heavier than C. So C must be 3rd heaviest and E must be 4th heaviest.
- The number of person is heavier than F is same as shorter than him. No one is heavier than F so F must be shortest also.

Here is the final table:

Rank	Height	Weight
1(Highest)	D	F
2	B	D
3	A	C
4	E	E
5	C	A
6(Lowest)	F	B

105. Ans. D

Three persons are lighter than C.

- E is only taller than C and F. So E is 3rd shortest. B is taller than A and E and D is taller than B. So we get D>B>A/E. D must be tallest.

Rank	Height	Weight
1(Highest)	D	
2	B	
3	A	
4	E	
5	C/F	
6(Lowest)	C/F	

- Only one person lighter than A and we know that B is lighter than A. So B must be lightest.
- D is heavier than C and E but not the heaviest. Then F must be heaviest.

Rank	Height	Weight
1(Highest)	D	F
2	B	D
3	A	C/E
4	E	E/C
5	C/F	A
6(Lowest)	C/F	B

- Not more than two persons are heavier than C. So C must be 3rd heaviest and E must be 4th heaviest.
- The number of person is heavier than F is same as shorter than him. No one is heavier than F so F must be shortest also.

Here is the final table:

Rank	Height	Weight
1(Highest)	D	F
2	B	D
3	A	C
4	E	E
5	C	A
6(Lowest)	F	B

106. Ans. D

Step 1: Take word and number both, in which word and number are arranged in descending order and last letter of word is increases by 1 value that is C change to D. Remaining letter of the word is increase by 2 values and number is multiply by 2.

Step 2: After arrange in descending order when we comes to second word, last letter of word is increases by 2 values means A changes to C and remaining letter is increase by 3 values. Number is multiply by 3.

Step 3: After arranging in descending order when we comes to third word, last letter of word is increases by 3 values means A changes to D and remaining letter is increase by 4 values. Number is multiply by 4.

Step 4: After arranging in descending order when we comes to fourth word, last letter of word is increases by 4 means A changes to E and remaining letter is increases by 5 values. Number is multiply by 5

Input: olpj 21 htpl 34 tnjg 56 67 bnmc

Step 1: vplh 134 olpj 21 htpl 34 56 bnmc

Step 2: rosl 168 vplh 134 21 htpl 34 bnmc

Step 3: lxto 136 rosl 168 vplh 134 21 bnmc

Step 4: gsrq 105 lxto 136 rosl 168 vplh 134

107. Ans. B

Input: olpj 21 htpl 34 tnjg 56 67 bnmc

Step 1: vplh 134 olpj 21 htpl 34 56 bnmc

Step 2: rosl 168 vplh 134 21 htpl 34 bnmc

Step 3: lxto 136 rosl 168 vplh 134 21 bnmc

Step 4: gsrq 105 lxto 136 rosl 168 vplh 134

108. Ans. A

Input: olpj 21 htpl 34 tnjg 56 67 bnmc

Step 1: vplh 134 olpj 21 htpl 34 56 bnmc

Step 2: rosl 168 vplh 134 21 htpl 34 bnmc

Step 3: lxto 136 rosl 168 vplh 134 21 bnmc

Step 4: gsrq 105 lxto 136 rosl 168 vplh 134

109. Ans. A

Input: olpj 21 htpl 34 tnjg 56 67 bnmc

Step 1: vplh 134 olpj 21 htpl 34 56 bnmc

Step 2: rosl 168 vplh 134 21 htpl 34 bnmc

Step 3: lxto 136 rosl 168 vplh 134 21 bnmc

Step 4: gsrq 105 lxto 136 rosl 168 vplh 134

110. Ans. D

B=1, C=2, D=3, F=4, G=5, H=6, J=7, K=8

L=1, M=2, N=3, P=4, Q=5, R=6, S=7, T=8

V=1, W=2, X=3, Y=4, Z=5

'Philatelist'

By applying condition 2 here:

46%1*8V1R78 → 46%1*811678

111. Ans. C

B=1, C=2, D=3, F=4, G=5, H=6, J=7, K=8
L=1, M=2, N=3, P=4, Q=5, R=6, S=7, T=8
V=1, W=2, X=3, Y=4, Z=5

'MUSIC BITE'

'MUSIC'

By applying condition 5

'M U S I C' → M I S U C

2 R 7 F 2 → 26742

'BITE'

By applying condition 5

'B I T E' → B E T I

1 V 8 R → 11 86

112. Ans. A

B=1, C=2, D=3, F=4, G=5, H=6, J=7, K=8
L=1, M=2, N=3, P=4, Q=5, R=6, S=7, T=8
V=1, W=2, X=3, Y=4, Z=5

'your fairy tales'

'Y o u r' → 4 o u 6

By applying condition 3

4 o u 6 → 4 u o 6 → 4 l f 6 → 4146 → 4366 = 19

'F a i r y' → 4 a i 6 4

By applying condition 3

4 a i 6 4 → 4 i a 6 4 → 4 r z 6 4 → 46564 → 48764 = 29

'T a l e s' → 8 a 1 e 7

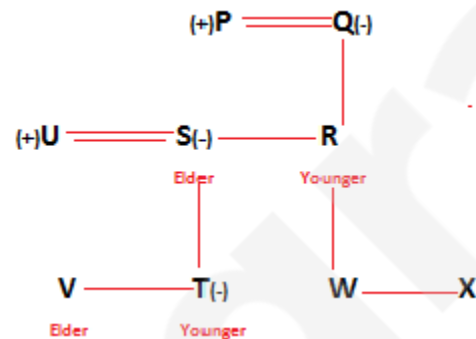
By applying condition 5

8 a 1 e 7 → 8 e 1 a 7 → 8 v 1 z 7 → 8115 = 15

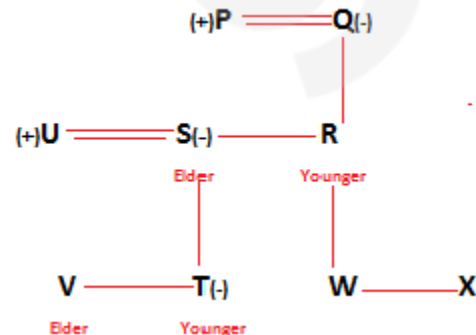
19 + 29 + 15 = 63

113. Ans. D

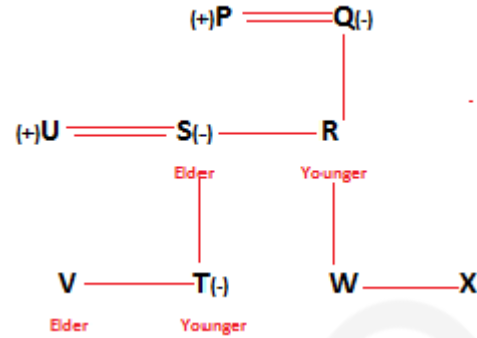
We can not predict the age of W when X age is given because which one is younger or elder is not given in condition.



114. Ans. C



115. Ans. B



116. Ans. B

The government set up a ministerial panel, led by finance minister Arun Jaitley, to consider and oversee mergers among the country's 21 state-run banks.

117. Ans. B

Rajiv Mehrishi, the Comptroller and Auditor General of India (CAG) has authored an e-book 'India 2017 Year Book' on current affairs in India. It is recently launched in Rajasthan.

118. Ans. B

Commonwealth Games 2018 will be held in Gold Coast, Australia from April 4 to April 15 2018. Hence, option B is correct.

119. Ans. D

Under the Union Budget 2017, provision under MGNREGA (Mahatma Gandhi National Rural Employment Guarantee Act) has been increased to Rs. 48000 crores in 2017-18 against Rs. 38,500 crores in 2016-17, i.e. the highest ever.

120. Ans. B

Amnesty International is a non-governmental organization focused on human rights with over 7 million members and supporters around the world. Headquarter of Amnesty International is at London, United Kingdom.

121. Ans. C

England has won the '2017 FIFA Under-17 World Cup' by defeating European Champions Spain at Salt Lake stadium in Kolkata. England's goal-machine Rhian Brewster won the golden boot.

122. Ans. A

Society

The Society for Worldwide Interbank Financial Telecommunication (SWIFT) provides a network that enables financial institutions worldwide to send and receive information about financial transactions in a secure, standardized and reliable environment.

123. Ans. B

There were six agreements signed between India and Italy during the two days visit of Italy PM. Paolo Gentiloni is the current prime minister of Italy.

124. Ans. A

It is released as part of the World Bank's annual report titled Doing Business 2017: Equal Opportunity for All. It was introduced in 2004. The ranking of country is based on index averages the country's percentile rankings on 10 indicators each having equal weightage.

125. Ans. E

The World Economic outlook, a survey conducted and published by International Monetary Fund (IMF). It is published biannually and partly updated two times a year.

126. Ans. C

Reserve Bank of India (RBI) has formed a High-level Task Force on Public Credit Registry (PCR) for India which will be headed by Yeshwant M. Deosthalee.

127. Ans. D

An oligopoly is an economic market whereby a small number of companies or countries generate and control the entire supply of a good or service. Economies of scale is a term that refers to the reduction of per-unit costs through an increase in production volume. This idea is also referred to as a diminishing marginal cost.

128. Ans. E

Regulating and controlling the business on stock markets. Registration of brokers and sub-brokers is the major function of Securities and Exchange Board of India (SEBI)

129. Ans. D

The loan-to-value (LTV) ratio is a financial term used by lenders to express the ratio of a loan to the value of an asset purchased. The term is commonly used by banks and building societies to represent the ratio of the first mortgage line as a percentage of the total appraised value of real property.

130. Ans. B

India impose anti-dumping duty of up to \$168.76 per tonne on imports of a chemical, mainly used in textile and packaging industry, from five countries including China and Iran to protect domestic players. The Directorate General of Anti-Dumping and Allied Duties (DGAD) has recommended the duty up to \$168.76 per tonne, which is imposed by the Finance Ministry.

131. Ans. B

The Kisan Credit Card (KCC) scheme is a credit scheme prepared by the National Bank for Agriculture and Rural Development (NABARD) on the recommendations of R.V.GUPTA to provide term loans and agricultural needs.

132. Ans. C

The Union Government has announced Bank Recapitalisation plan to infuse Rs. 2.11 lakh crore capital over next two years into public sector banks (PSBs). Under this plan, PSBs will get Rs 1.35 lakh crore from the sale of Recapitalisation Bonds, Rs 18,000 crore from Budgetary provisions and remaining Rs 58,000 crore will be raised through sale of share of banks.

133. Ans. A

MV Sridhar, former GM of cricket operations in the Board of Control for Cricket in India (BCCI), has died at the age of 51.

134. Ans. D

The International Weightlifting Federation (IWF), headquartered in Budapest, Hungary. It is the international governing body for the sport of Olympic weightlifting.

135. Ans. E

The 44th G7 summit will be held on June 8-9, 2018 at Le Manoir Richelieu in La Malbaie, Quebec, Canada. The 43rd G7 summit was held in Sicily, Italy. The Group of Seven (G7) is an informal bloc of industrialized democracies—Canada, France, Germany, Italy, Japan, the United Kingdom, and the United States—that meets annually to discuss issues such as global economic governance, international security, and energy policy.

136. Ans. B

The City Union Bank Limited is an Indian bank. The Kumbakonam Bank Limited, as it was at first called, was incorporated as a limited company on 31 October 1904. The headquarter of Citi Union Bank is located at Kumbakonam, Tamil Nadu.

137. Ans. B

Panna National Park is a national park located in Panna and Chhatarpur districts of Madhya Pradesh in India. Panna National Park is a Tiger reserve of India, at a distance of around 57 km from Khajuraho.

138. Ans. C

World Pneumonia Day is annually held on November 12 to raise awareness of pneumonia, promote prevention and treatment, and generate action to fight the illness. The theme of this year (2017) is - "Stop Pneumonia: Invest in Child Health."

139. Ans. B

Bandhan Bank Ltd. is an Indian banking and financial services company headquartered in Kolkata, West Bengal. Bandhan, which started as a micro-finance company in 2001, received banking licence by Reserve Bank of India in 2014.

140. Ans. C

The maximum deposit allowed in India Post Payment Bank (IPPB) is Rs. 1 lakh. According to the guidelines, payments banks can open small savings accounts and accept deposits of up to Rs.1 lakh per individual customer and provide remittance services.

141. Ans. C

India's Sivalingam Sathish Kumar and Ragala Venkat Rahul qualified for next year's Commonwealth Games after winning a gold medal each in their respective weight divisions at the Commonwealth Senior (men & women) Weightlifting Championships in Gold Coast, Australia.

142. Ans. D

Dudhawa Dam is located in Dhamtari district of Chhattisgarh in India. The dam was built across the Mahanadi river in 1964.

143. Ans. B

Fugdi is the traditional folk dance of Goa which is performed by the women's in the Konkan region.

144. Ans. C

The Business Correspondents is paid by the Respective Banks. They represent the banks and get commission from bank for every new account opening, every transaction made by them or every loan processed etc.

145. Ans. D

A letter of credit is a letter from a bank guaranteeing that a buyer's payment to a seller will be received on time and for the correct amount. In the event that the buyer is unable to make payment on the purchase, the bank will be required to cover the full or remaining amount of the purchase.

146. Ans. B

Bharat QR Code will make use of QR codes system for payments across merchant outlets. Scanning the QR code through your mobile will help in transferring money from one source to another. Payments made through QR code will directly get transferred to the bank accounts unlike other digital wallet where payments are received from e-mails.

147. Ans. A

The slowdown in the rate of increase of prices of goods & services in National GDP over time is called Disinflation.

148. Ans. B

The transaction in which bank guarantees the payment in case of damage or financial loss and accepts financial risk & liability is known as Underwriting.

149. Ans. B

Full form of AMRUT is Atal Mission for Rejuvenation and Urban Transformation. The scheme was launched by Prime Minister Narendra Modi in June 2015 with the focus of the urban renewal projects is to establish infrastructure that could ensure adequate robust sewage networks and water supply for urban transformation.

150. Ans. C

The 'Tallinn' is the capital of Estonia. Kersti Kaljulaid is the President of Estonia. Euro is the currency of Estonia.

151. Ans. C

As per the Union Budget 2017, the Taxpayers who are earning between Rs.50 lacs to Rs.1 crore have to pay an additional surcharge of 10% on their total income.

152. Ans. B

According to the PWC World2050 report, the two largest economies in the world in 2050 will be China and India. The US could be down to third place in the global GDP rankings while the EU27's share of world GDP could fall below 10% by 2050.

153. Ans. B

Standing External Advisory Committee (SEAC) is set up by the Reserve Bank to evaluate license of Universal Bank in Private Sector.

154. Ans. D

Taxable event under GST is supply of goods and supply of services.

155. Ans. B

The main objective of the import substitution is to encourage domestic production by raising barriers against the import of goods from foreign economies.
