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RBI Assistant Prelims '19

100 Most Important Questions



Direction (1 – 5) : 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.

It was a dappled three-storied house, away from the (###Q1###) alleys of Benaras. There was a profound tranquillity about it. Set in the heart of a lush garden, you could stretch your arms from a window and caress a (###Q2###) parrot. A small amphitheatre hosted many (###Q3###) under the starlit sky. And then there was a room with elegant French windows – the taalim room. At least twenty men and women spent hours there, (###Q4###) in their music. The sitar, slide guitar, vocals, sarod, santoor, tabla – all rising to the didactic call of Ravi Shankar, who sat on a raised platform, singing, playing his sitar, instructing. The Guru would sometimes smile, sometimes frown, but he would not relent until every single disciple who had gathered at Hemangana, from all over the world, had (###Q5###) his every single musical utterance.

- Find the appropriate word in each case.
A. Dashing B. Imitating
C. Bustling D. Scuttle
E. Ringing
- Find the appropriate word in each case.
A. Scared B. Dubious
C. Hostile D. Warm
E. Sociable
- Find the appropriate word in each case.
A. Scruples B. Soirees
C. Buffet D. Gathering
E. Supper
- Find the appropriate word in each case.
A. Drenched B. Impressed
C. Plunged D. Immersed
E. Doused
- Find the appropriate word in each case.
A. Absorbed B. Soak

- C. Devoured D. Grasp
E. Engaged

Direction: Read the 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.

6. Most of the gold deposits discovered (1)/ during the original gold rushes was exposed (2)/ at the Earth's surface and were (3)/ found by simple prospecting methods. (4)/ No error (5)

- A. 1 B. 2
C. 3 D. 4
E. 5

Direction: Read the 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.

7. My colleague had (1)/ a hard time juggling (2)/ the needs of her family (3)/ with the demands of her job. (4)/ No error (5)

- A. 1 B. 2
C. 3 D. 4
E. 5

Direction: Read the 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.

8. The Board's decision has provided (1)/ employees with the opportunity (2)/ to acquire up to 100 (3)/ shares by the company. (4)/ No error (5)

- A. 1 B. 2
C. 3 D. 4
E. 5

Direction: Read the 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.

9. If the manufacturing sector continues (1)/ to grow at the same rate for (2)/ the next few months, it (3)/ has a high growth rate this year. (4)/ No error (5)

A. 1 B. 2
C. 3 D. 4
E. 5

Direction: Read the 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.

10. The advent of private hospital health insurance, (1)/ which provided middle-class patients with the purchasing power of pay (2)/ for private hospital services, guaranteed the private (3)/ hospital a regular source of income. (4)/ No error (5)

A. 1 B. 2
C. 3 D. 4
E. 5

Direction: A sentence with two blanks is given, each blank indicating that something has been omitted. Choose the pair of words that best fits in the sentence appropriately.

11. Most of the time, a detective _____ some materials from the scene and sends them to the laboratory for _____.

A. collecting, analysis
B. collected, analysing
C. collect, analyse
D. collect, analysis
E. collects, analysis

Direction: A sentence with two blanks is given, each blank indicating that something has been omitted. Choose the pair of words that best fits in the sentence appropriately.

12. The Coast Guard saved eight lives after it _____ the crew of a fishing boat, which got _____ in mid-sea.

A. saved, lost
B. rescued, stranded
C. rescue, stranded
D. turned, left
E. saved, left

Direction: A sentence with two blanks is given, each blank indicating that something has been omitted. Choose the pair of words that best fits in the sentence appropriately.

13. It is every musician's _____ to be appreciated by an audience that _____ its music.

A. wish, known
B. dream, knows
C. desire, create
D. wish, create
E. dream, create

Direction: A sentence with two blanks is given, each blank indicating that something has been omitted. Choose the pair of words that best fits in the sentence appropriately.

14. The Internet has _____ the way we communicate in more ways than we can _____.

A. changed, imagine
B. altered, imagined
C. change, imagine
D. advanced, thought
E. improved, manipulate

Direction: A sentence with two blanks is given, each blank indicating that something has been omitted. Choose the pair of words that best fits in the sentence appropriately.

15. Maharatna public sector Coal India Ltd. is _____ some major changes in its HR policy with respect to its managerial _____.

A. thinking, scale
B. preparing, level
C. plan, post
D. planning, cadres
E. planned, cadre

Direction: In the given question, four words are printed in bold and are numbered 1, 2, 3 and 4. Of these, the positions of two of these words may be incorrect and need to be exchanged to make the sentence correct. Find the two words which need to be exchanged. In case the given sentence is correct, your

- answer is (E), i.e., 'No correction required'.
16. The story is about a couple **what** (1) find out **who** (2) they saw in **each** (3) other first and began with, after **their** (4) loss of memories.
 A. 1-3 B. 2-3
 C. 1-2 D. 2-4
 E. No correction required
Direction: In the given question, four words are printed in bold and are numbered 1, 2, 3, and 4. The positions of some highlighted words may be incorrect and need to be interchanged with another highlighted to make the sentence correct. Find the pair of words that need to be exchanged. In case the given sentence is correct, your answer is (E), i.e. 'No correction required'.
17. The Dust Bowl intensified the **conditions** (1) economic impacts of the Great Depression and **drove** (2) many farming families on a **desperate** (3) migration in search of work and better living **crushing** (4).
 A. 1-2 B. 3-4
 C. 2-3 D. 1-4
 E. No correction required
Direction: In the given question, four words are printed in bold and are numbered 1, 2, 3 and 4. Of these, the positions of two of these words may be incorrect and need to be exchanged to make the sentence correct. Find the two words which need to be exchanged. In case the given sentence is correct, your answer is (E), i.e., 'No correction required'.
18. The **attack** (1) on Pearl Harbor was a/an **edging** (2), but Japan and the United States had been **surprise** (3) toward war for **decades** (4).
 A. 2-3 B. 1-2
 C. 3-4 D. 1-3
 E. No correction required
Direction: In the given questions, four words are printed in bold and are numbered 1, 2, 3, and 4. Of these, the positions of the two words may be incorrect and need to be exchanged to make the sentence correct. Find the two words which

- need to be exchanged. In case the given sentence is correct, your answer is (E), i.e., "No correction required".
19. The Patna Medical College **treats** (1) the **abandoned** (2) or **the** (3) orphaned who **need** (4) medical assistance.
 A. 1-2 B. 2-3
 C. 1-3 D. 2-4
 E. No correction required
Direction: In the given question, four words are printed in bold and are numbered 1, 2, 3 and 4. Of these, the positions of two of these words may be incorrect and need to be exchanged to make the sentence correct. Find the two words which need to be exchanged. In case the given sentence is correct, your answer is (E), i.e. 'No correction required'.
20. To be fair, **close** (1) scientists have been working hard to **explore** (2) the small bodies of the **solar** (3) system at least since Halley's Comet passed **planetary** (4) to the Sun three decades ago.
 A. 1-3 B. 3-4
 C. 1-4 D. 2-3
 E. No correction required
Direction (21 – 25) : Given below are six statements A, B, C, D, E and F, which when arranged in the correct order, form a coherent and meaningful paragraph. The sentence marked D is fixed and would fit in the fourth position. Rearrange the other statements in a proper sequence to form a meaningful paragraph, then answer the questions that follow.
 A) That is barely a year old, rebranded as La Republique En Marche ("Onward the Republic"), in order to implement his program.
 B) The centrist's emphatic victory, which also smashed the dominance of France's mainstream parties, will bring huge relief to European allies who had feared another populist upheaval to follow Britain's vote to quit the EU and Donald Trump's election as U.S. president.
 C) With virtually all votes counted, Macron had topped 66 percent

against just under 34 percent for Le Pen - a gap wider than the 20 or so percentage points that pre-election surveys had suggested.

D) Even so, it was a record performance for the National Front, a party whose anti-immigrant policy once made it a pariah, and underlined the scale of the divisions that Macron must now try to heal.

E) Emmanuel Macron was elected French president on Sunday with a business-friendly vision of European integration, defeating Marine Le Pen, a far-right nationalist who threatened to take France out of the European Union.

F) His immediate challenge will be to secure a majority in next month's parliamentary election for a political movement

21. Which of the following will be the first statement after rearrangement?

- A. A B. B
C. C D. E
E. F

22. Which of the following will be the second statement after rearrangement?

- A. A B. B
C. C D. E
E. F

23. Which of the following will be the third statement after rearrangement?

- A. A B. B
C. C D. E
E. F

24. Which of the following will be the fifth statement after rearrangement?

- A. A B. B
C. C D. E
E. F

25. Which of the following will be the last statement after rearrangement?

- A. A B. B
C. C D. E
E. F

Direction: In the following question, three statements have been given, and a word has been highlighted in each of them. Identify the sentence(s) in which the word fits contextually to convey a logical meaning.

26. **Landscape**

1) Romances may embody the hopes of their young lovers in spring **landscapes** of blossom, sunlit greensward and birdsong among young leaves.

2) The minimalist **landscape** painting achieved its desired poignancy after only a few hasty movements of the artist's brush.

3) Small scale farmer-based bio-char production is a win-win innovation for improving livelihoods and **landscapes**.

- A. Only 1
B. Both 2 and 3
C. Both 1 and 2
D. Both 1 and 3
E. All 1, 2 and 3

Direction: In the following question, three statements have been given, and a word has been highlighted in each of them. Identify the statement(s) in which the word fits contextually to convey a logical meaning.

27. **Buoy**

1) It was a long and weak task, but he has **buoyed** up by the thought that all the students would be able to have a Bible now.

2) This and other points on the route were marked by **buoys** laid after careful triangulation by Captain.

3) He used his considerable **buoy** to bribe officials to release his son from prison.

- A. Only 1
B. Only 3
C. Both 1 and 2
D. Both 2 and 3
E. All 1, 2 and 3

Direction: In the following question, three statements have been given, and a word has been highlighted in each of them. Identify the statement(s) in which the word fits contextually to convey a logical meaning.

28. **Steer**

1) The driver found it very easy to **steer** the vehicle.

2) The management spent a lot of time discussing about their plan to

steer the organization in the long run.

3) Children try their best to **steer** clear of any suggestions made by the old people.

- A. Only 2
- B. Only 3
- C. Both 1 and 2
- D. Both 1 and 3
- E. All 1, 2 and 3

Direction: In the following question, three statements have been given, and a word has been highlighted in each of them. Identify the statement(s) in which the word fits contextually to convey a logical meaning.

29. **Prune**

1) The HR Manager had to finally **prune** 10% of her monthly income due to constant lag in her performance.

2) Fishes farmed by the local fishermen are **prune** to diseases.

3) It was not a very good idea to use **prune** with the fruits for corporate gifting.

- A. Only 2
- B. Both 1 and 2
- C. Both 2 and 3
- D. Both 1 and 3
- E. All 1, 2 and 3

Direction: In the following question, three statements have been given, and a word has been highlighted in each of them. Identify the statement(s) in which the word fits contextually to convey a logical meaning.

30. **Buckle**

1) Traffic policeman suggested the driver to **buckle** his seat to be safe.

2) The intense pressure of the gas coming from the chamber caused the floor of the factory to **buckle**.

3) The advocate persuaded the witness to **buckle** the truth in the court.

- A. Only 1
- B. Only 2
- C. Only 3
- D. Both 1 and 2
- E. All 1, 2 and 3

Direction (31 – 35) : Study the following arrangement and answer the questions given below:

S % # E F X 3 @ 0 N ! M 7 * B H V 7 ^ W & S 7 P G 2 4 \$ C J)

31. Which of the following element is 9th to the left of 21st element from the right end?
- A. E
 - B. #
 - C. S
 - D. %
 - E. None of these
32. How many such 7's are there in the above arrangement, each of which is immediately preceded by a letter and immediately followed by a symbol?
- A. 1
 - B. 2
 - C. 3
 - D. More than 3
 - E. None of these
33. Which of the following is the 9th letter to the right of 8th symbol from the left end?
- A. S
 - B. W
 - C. P
 - D. V
 - E. None of these
34. If all the symbols are deleted from the above arrangement, then which of the following element will be 12th to the right of 21st from the right end?
- A. H
 - B. W
 - C. 7
 - D. V
 - E. None of these
35. What is the minimum number of symbols between any two consonants (Minimum number cannot be zero)?
- A. 4
 - B. 3
 - C. 2
 - D. 1
 - E. None of these

Direction (36 – 40) : Study the following information carefully to answer the questions:

On a trade fair there are five stalls - No. 1, No. 2, No. 3, No. 4 and No. 5 selling different company's laptop i.e.- Acer, Toshiba, Lenovo, Dell and HCL managed by different managers - J, K, L, M and N in which two are females. They all belong to different cities - Pune, Delhi, Noida, Lucknow and Chandigarh, but not necessarily in the same order.

Acer laptop is available at stall No. 3 managed by manager L, and he does not belong to Pune and Delhi. J is a

- female and is handling Dell laptop at stall No. 2 and she belongs to Chandigarh. Manager K is from Pune and he is not handling with Lenovo. Manager of HCL, who is a male, belongs to Lucknow and he is at stall No. 5. Manager from Pune is a male and managing Toshiba. Manager M belongs to Lucknow. The manager who is from Delhi is at stall No. 4.
36. Which of the following is pair of females?
 A. N, K B. J, N
 C. J, K
 D. Can't be determined
 E. None of these
37. Who does belong to city Noida?
 A. L - No. 3 B. HCL - No. 4
 C. Lenovo - No. 1
 D. N -No. 2 E. None of these
38. Laptop of Toshiba is available on which stall?
 A. No. 2 B. No. 1
 C. No. 5 D. No. 4
 E. No. 3
39. Who is the manager of HCL?
 A. J B. K
 C. M D. L
 E. None of these
40. Which of the following information is definitely true with respect to above information?
 A. No. 3 – Lenovo – K – Chandigarh
 B. No. 5 – HCL – M – Lucknow
 C. No. 4 – Dell – N – Delhi
 D. No. 2 – Acer – J – Pune
 E. None of these
- Direction:** Read the information carefully and give the answers to the following questions.
 Eight friends Sushma, Sarita, Sunita, Sujata, Suman, Shashi, Sneha and Shalini are sitting around a circular table facing the Centre but not necessarily in the same order. Each of them likes a different movie – Deewar, Don, Kaalia, Trishul, Agnipath, Kaala Pathar, Abhimaan and Zanjeer.
 There are two persons between those two girls who like Deewar and Don. The girls who like Deewar and Don does not sit opposite to Sushma. Sunita and Sneha are immediate neighbours and neither of them likes Zanjeer and Don. Sushma, who likes Abhimaan, sits second to the right of the girl who likes Zanjeer. Sarita and Suman neither like Zanjeer nor sit adjacent to Sushma. Suman, who likes Don, sits second to the left of Sneha, who likes Trishul. Sunita does not like Deewar. The immediate neighbour of Suman faces Sunita, who sits third to the left of the one who likes Abhimaan. Shashi does not like Zanjeer. Both Sujata and Shalini do not like Deewar and Kaalia. Sarita likes Kala Pathar and Sujata likes Agnipath. Sarita is not an immediate neighbour of Sushma.
41. How many girls are between Suman and Shashi, when counted from anticlockwise from Suman?
 A. None B. One
 C. Two D. Three
 E. More than three
42. Who sits opposite to that girl who likes Deewar?
 A. Shashi B. Sarita
 C. Shalini D. Sujata
 E. None of these
43. Which of the following is true regarding Shashi?
 A. Shashi likes Kaalia.
 B. One person sits between Shashi and Suman.
 C. Shashi sits opposite to that person who likes Kaala Pathar.
 D. Shashi sits second left to Suman.
 E. None of these
44. Which of the following girls sits exactly opposite to each other?
 A. Suman-Sunita
 B. Sujata-Sushma
 C. Sushma-Suman
 D. Sarita-Sujata
 E. Suman-Shalini
45. Who sits third to the left of the girl who likes Kaalia?
 A. Suman B. Shalini
 C. Sarita D. Sneha
 E. None of these
- Direction (46 – 50) :** Study the information given below and answer the questions based on it.
 K is granddaughter of G, who is married to N. B is brother-in-law of G, who has two daughters but no son. C is cousin of E and brother of K.

- F and L are sons-in-law of N. L has two daughters and one son. F has one son and one daughter. H and I are the daughters of O. Z is also the member of the family.
46. How is O related to C according to the given information?
 - A. Mother
 - B. Aunt
 - C. Daughter
 - D. Can't be determined
 - E. None of these
 47. How is H related to N according to the given information?
 - A. Granddaughter
 - B. Daughter
 - C. Son
 - D. Grandmother
 - E. None of these
 48. How many couples are there in the family?
 - A. One
 - B. Two
 - C. Three
 - D. Four
 - E. None of these
 49. Which of the following group(s) is/are the group of a couple?
 - A. F,Z
 - B. O,L
 - C. I,E
 - D. Only (1) and (2)
 - E. None of these
 50. How is Z related to L?
 - A. Sister
 - B. Mother
 - C. Sister-in-law.
 - D. Brother
 - E. None of these

Direction (51 – 55) : Study the following information carefully and answer the given questions.

Eight persons, M, N, O, P, Q, R, S and T, are sitting around a circular table facing the centre but not necessarily in the same order. Each one of them has a different designation-Teacher, Doctor, Engineer, Writer, Pilot, Businessman, Student and Banker but not in order. M sits third to the right of the Banker. Only two people sit between the Banker and T. The Pilot and the Doctor are immediate neighbours. Neither M nor T is a Pilot or a Doctor. The Pilot is not an immediate neighbour of the Banker. The Teacher sits second to the left of Q. Q is not an immediate neighbour of T. The Teacher is an immediate neighbour of both the Businessman and the Student. The Student sits third to the right of N. N is not the

Pilot. O sits on the immediate right of the Engineer. M is not the Engineer. R is not an immediate neighbour of M. S is not an immediate neighbour of the Teacher.

51. Who among the following sits third to the right of Q?
 - A. M
 - B. N
 - C. P
 - D. S
 - E. None of these
52. Four of the following five are alike in a certain way based on the given arrangement and thus form a group. Which is the one that does not belong to that group?
 - A. R-Engineer
 - B. S-Writer
 - C. P-Teacher
 - D. M-Student
 - E. N-Banker
53. Who among the following is the Doctor?
 - A. N
 - B. M
 - C. P
 - D. S
 - E. None of these
54. How many members are there between O and R if counted left of O?
 - A. 3
 - B. 2
 - C. 4
 - D. 1
 - E. None
55. Which of the designation does R hold?
 - A. Doctor
 - B. Pilot
 - C. Businessman
 - D. Writer
 - E. None of these

Direction (56 – 60) : Study the following information to answer the given questions.

In a certain code,

'colours of the sky' is written as 'ki la fa so',

'rainbow colours' is written as 'ro ki'

'sky high rocket' is written as 'la pe jo'

'the rocket world' is written as 'pe so ne'.

56. Which of the following is the code for 'colours sky high'?
 - A. Ro jo la
 - B. fa la jo
 - C. la ki so
 - D. Ki jo la
 - E. Fa ki jo
57. Which of the following will/may represent 'the'?
 - A. Only 'fa'
 - B. Either 'fa' or 'la'
 - C. Only 'so'
 - D. Only 'la'
 - E. Either 'so' or 'fa'
58. What does 'pe' represent in the code?

- A. Colors B. Sky
 C. High D. Rainbow
 E. Rocket
59. How can 'bird of the rainbow sky' be written in this code?
 A. fa la tu ki jo
 B. fa so pe la ro
 C. Jo fa ro la tu
 D. so ro fa tu la
 E. ki la fa tu ro

60. Which of the following is the code for 'high'?
 A. Only 'la' B. Only 'jo'
 C. Either 'la' or 'jo'
 D. Only 'ro' E. None of these

Direction (61 – 65) : Study the information and answer the given questions:

Seven Actors Amitabh, Salman, Aamir, Akshay, Ajay, Hrithik and Sanjay live on separate floors of a 7-floor building. Ground floor is numbered 1, first floor is numbered 2 and so on until the topmost floor is numbered 7. Each one of them is staying in different hotels of Mumbai, viz Taj Hotel, Hilton Tower, The Orchid Hotel, Resort Hotel, Hyatt Hotel, The Retreat Hotel and Centaur Hotel but not necessarily in the same order. Only three actors live above the floor on which Akshay lives. Only one actor lives between Akshay and the one staying in The Retreat. Ajay lives immediately below the one staying in Resort. The one staying in Resort lives on an even-numbered floor. Only three actors live between the ones staying in The Retreat and Hilton Tower. Hrithik lives immediately above Sanjay. Hrithik is not staying in Hilton Tower. Only two actors live between Salman and the one staying in Hyatt. The one staying in Hyatt hotel lives below the floor on which Salman lives. The one staying in Centaur hotel does not live immediately above or immediately below Salman. Amitabh does not live immediately above or immediately below Akshay. Aamir does not stay in Taj hotel.

61. Which of the following is true with respect to Aamir as per the given information?

- A. The one who lives immediately below Aamir is staying in Resort hotel.
 B. Aamir lives on floor no.7
 C. Aamir lives immediately below Hrithik.
 D. Aamir lives on the lowermost floor.
 E. Aamir is staying in The Retreat hotel

62. Who among the following lives on floor no. 3 ?
 A. The one staying to Taj hotel.
 B. The one staying in Hyatt hotel.
 C. Sanjay D. Aamir
 E. Hrithik

63. Who lives on the floor immediately above Hrithik?
 A. Akshay B. Salman.
 C. Amitabh D. Aamir
 E. Ajay

64. To which of the following hotel is Amitabh staying?
 A. Resort hotel.
 B. The Retreat hotel.
 C. Hilton tower.
 D. Hyatt hotel.
 E. Taj hotel.

65. How many actors live between the floors on which Amitabh and the one staying in Resort hotel?
 A. None B. Two
 C. One D. More than three
 E. Three

66. Which of the following is true with respect to Aamir as per the given information?
 A. The one who lives immediately below Aamir is staying in Resort hotel.
 B. Aamir lives on floor no.7
 C. Aamir lives immediately below Hrithik.
 D. Aamir lives on the lowermost floor.
 E. Aamir is staying in The Retreat hotel

67. Who among the following lives on floor no. 3 ?
 A. The one staying to Taj hotel.
 B. The one staying in Hyatt hotel.
 C. Sanjay D. Aamir
 E. Hrithik

68. Who lives on the floor immediately above Hrithik?
 A. Akshay B. Salman
 C. Amitabh D. Aamir

- E. Ajay
69. To which of the following hotel is Amitabh staying?
 A. Resort hotel.
 B. The Retreat hotel.
 C. Hilton tower.
 D. Hyatt hotel.
 E. Taj hotel.
70. How many actors live between the floors on which Amitabh and the one staying in Resort hotel?
 A. None B. Two
 C. One D. More than three
 E. Three

Direction: What should come in the place of question mark '?' in the given questions.

71. 22, 97, 222, ?, 622
 A. 422 B. 323
 C. 397 D. 333
 E. None of these

Direction: What will come in place of question mark in the following questions?

72. 4 5 16 81 ? 5113
 A. 654 B. 568
 C. 236 D. 567
 E. None of these

Direction: What will come in place of question mark (?) in the given number series?

73. 11 27 ? 107 171 251
 A. 57 B. 58
 C. 56 D. 59
 E. 69

Direction: What should come in place of question mark (?) in the following number series?

74. 3, 5, 11, 23, ?
 A. 43 B. 38
 C. 42 D. 46
 E. 59

Directions: What value should come at the place of question mark (?) in the given number series?

75. 1716 2184 2730 3360 4080 ? 5814
 A. 4896 B. 4796
 C. 5096 D. 4876
 E. 4696

Direction: In each question numbered I and II have been given. You have to solve both the equations and mark the appropriate option.

76. I. $x^2 + 6x + 9 = 0$
 II. $y^2 - 3y - 18 = 0$

- A. $x > y$ B. $x \geq y$
 C. $x \leq y$ D. $x < y$
 E. $x = y$ or no relationship can be established

Direction: In each question numbered I and II have been given. You have to solve both the equations and mark the appropriate option.

77. I. $x^2 - 10x + 24 = 0$
 II. $2y^2 - 3y - 35 = 0$
 A. $x > y$ B. $x \geq y$
 C. $x \leq y$ D. $x < y$
 E. $x = y$ or no relationship can be established

Direction: In each question numbered I and II have been given. You have to solve both the equations and mark the appropriate option.

78. I. $x^2 - x - 6 = 0$
 II. $Y^2 - 6y + 8 = 0$
 A. $x > y$ B. $x \geq y$
 C. $x \leq y$ D. $x < y$
 E. $x = y$ or no relationship can be established

Direction: In the following question, two quadratic equations I & II are given. Solve both the equations & establish the relationship between the given variables.

79. $4x^2 + 12x + 9 = 0$
 $2y^2 + 11y + 14 = 0$
 A. $x > y$ B. x
 C. $x \geq y$ D. $x \leq y$
 E. $x = y$ OR No relation can be established(CND)

Direction: In the following question, two quadratic equations I & II are given. Solve both the equations & establish the relationship between the given variables.

80. I. $x^2 - 41x + 78 = 0$
 II. $y^2 + 43y + 82 = 0$
 A. $x > y$ B. $x \geq y$
 C. $x < y$ D. $x \leq y$
 E. $x = y$ or the relationship cannot be established

Direction: What approximate value should come in place of the question mark (?) in the following equation (Note: You are not expected to calculate the exact value)?

81. $(454999 \div 999) + (1625 \div 64.98) = ?$
 A. 450 B. 60

- C. 340 D. 480
E. 390

Direction: What approximate value will come in place of the question mark (?) in the following question? (You are not expected to calculate the exact value)

82. $2840.91 + 42 \times 26.99 = ? \times 18.934$
A. 180 B. 195
C. 210 D. 225
E. 240

Directions : What approximate value will come in place of the question mark (?) in the following questions? (You are not expected to calculate the exact value.)

83. $(25.25)^2 + (7.98)^3 - (12.02)^2 = ?$
A. 800 B. 900
C. 950 D. 1100
E. 1000

Direction: What approximate value should come in place of the question mark (?) in the following question (Note: You are not expected to calculate the exact value)?

84. $\sqrt{1401} \times \sqrt{1520} \div \sqrt{626} = ?$
A. 53 B. 48
C. 58 D. 68
E. 75

Direction: What approximate value should come in place of the question mark (?) in the following question (Note: You are not expected to calculate the exact value)?

85. $\frac{6405.99}{640.6} \times \sqrt{680} \times 1.5001 = 13 \times ?$
A. 38 B. 30
C. 39 D. 26
E. None of these

Direction: What value should come in place of the question mark (?) in the following question?

86. $1.2 \times 0.9 \div (0.25 \times 24) \times 600 = ?$
A. 109 B. 105
C. 118 D. 108
E. None of these

Direction: What should come in place of question mark (?) in the following questions?

87. $(125 \div 0.5) \div 0.5 = 80\%$ of?
A. 725 B. 850
C. 950 D. 675
E. 625

Direction: What should come in place of question mark (?) in the following question?

88. $(729 \div 27)^{1/3} + (25 \times 9)^{1/2} = (?)^{1/2}$
A. 184 B. 324
C. 361 D. 400
E. None of these

Direction: What value should come in place of the question mark (?) in the following question?

89. $2\frac{3}{4} + 2\frac{5}{2} = ? + 2\frac{5}{6}$
A. 53/12 B. 53/13
C. 53/14 D. 53/15
E. None of these

Directions: What will come in place of question mark (?) in the following questions?

90. $1456 \div 16 \times 14 + 22 = (?)^2$
A. 24 B. 36
C. 48 D. 52
E. None of these

Direction: What should come at the place of question mark (?) in the following question?

91. $70\% \text{ of } 354 + 152.2 = ?\% \text{ of } 40 + ?\% \text{ of } 60$
A. 200 B. 256
C. 144 D. 361
E. 400

Direction: What value should come in place of the question mark (?) in the following question?

92. $(6422 - 4441 - 1979) \times \sqrt{1156} = ?^{\frac{1}{3}} + \sqrt{2116}$
A. 10642 B. 10648
C. 12658 D. 17576
E. 5832

Direction: What value should come in place of the question mark (?) in the following question?

93. $70\% \text{ of } (1246 + 283 - 652) = ?^2 + 172.9$
A. 31 B. 33
C. 27 D. 26
E. 21

Direction: What value should come in place of the question mark (?) in the following question?

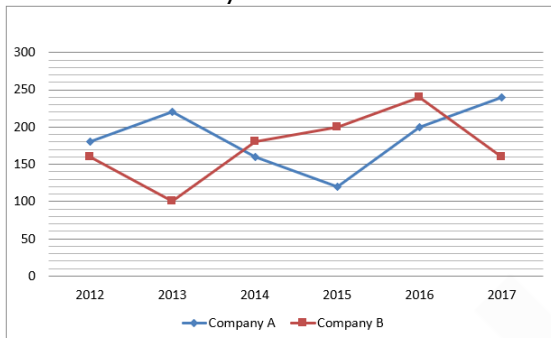
94. $\frac{(2751 + 6482 - 2456 - 5142)}{\sqrt{729} + \sqrt{1024} - \sqrt{576}} = ?^2 + \sqrt{441}$
A. 30.24 B. 31.32
C. 33.45 D. 35.46
E. 28.15

Direction: What value should come in place of question mark (?) in the following question?

95. $77 + 7.77 + 77.77 + 777.77 = ? + 77.7$
 A. 663.61 B. 662.61
 C. 862.61 D. 762.61
 E. 863.61

Direction (96 – 100) : Study the line graph carefully and answer the given questions.

The graph shows the total number of events organized by two companies i.e. A and B in different states of India in these six years.



96. The total number of events organized by company A in 2012 and 2014 together approximately is what percentage more than that of the total number of events organized by company B in 2013 and 2017 together?
 A. 35% B. 41%
 C. 31% D. 27%
 E. 17%
97. If in 2013, each company A and B organized the events in same two states i.e. state 1 and state 2. The total number of events organized by company A and B together in state 2 is 120 in 2013 and the ratio of the total number of events organized by company A in state 1 to company B in state 1 in 2013 is 3:2. Calculate the total number of events organized by company B in state 1 in 2013.
 A. 80 B. 100
 C. 120 D. 140
 E. 160
98. What is the average of the total number of events organized by company B in all these years?
 A. 77.77 B. 123.33
 C. 67.77 D. 173.33
 E. 133.33

99. If in 2016, company A organized the events in four different states from state 1 to state 4. If the total number of events organized by company A in state 2 and state 4 together is 80 and the total number of events organized by company A in state 3 is twice the number of events organized by company A in state 1. Then find the total number of events organized by company A in state 1. (All the data is given for 2016)
 A. 80 B. 60
 C. 30 D. 40
 E. 20
100. What is the difference between the total number of events organized by company A in 2014, 2015 and 2016 together to the total number of events organized by company B in 2013, 2014 and 2016 together?
 A. 40 B. 60
 C. 80 D. 100
 E. 20
101. Tina invested Rs. 25000 in two fixed deposits X and Y offering compound interest at 6% per annum and 8% per annum, respectively. If the total amount of interest accrued in two years through both fixed deposits is Rs. 3518, then the amount invested in scheme X is
 A. Rs.12000 B. Rs.13500
 C. Rs.15000 D. Rs. 10000
 E. Cannot be determined
102. While calculating the average of a batsman as 36 runs in 100 matches that he played, one of the score 90 was incorrectly noted as 40. The approximate percentage error is:
 A. 1.6% B. 1.36%
 C. 2.34% D. 2.1%
 E. None of these
103. Ashwin can do a piece of work in 25 days and Vishal can complete the same work in 20 days. If Vishal worked for 20% of the number of days that Ashwin worked for, how many days did Vishal not work?
 A. 10 B. 16
 C. 12 D. 9
 E. None of these
104. A mixture contains 80% acid and rest water. Part of the mixture that should be removed and replaced by same

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amount of water to make the ratio of acid and water 4:3 is:

- A. $1/3^{\text{rd}}$ B. $3/7^{\text{th}}$
C. $2/3^{\text{rd}}$ D. $2/7^{\text{th}}$

E. None of these

105. Kuntal can swim up to a certain distance upstream in 6 hours and returns to the origin in 2 hours and

15 minutes. The speed of the stream is 5 km/hr. Find the time required to cover 44 km downstream by him.

- A. 2 hours and 20 minutes
B. 4 hours and 15 minutes
C. 3 hours and 30 minutes
D. 3 hours and 35 minutes
E. 2 hours and 45 minutes

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ANSWER

1. Ans. C.

"Alleys" is a noun and we require an appropriate adjective to modify it. Note that the next sentence in the context implies that the three-storied house was away from a specific kind of environment and was "tranquil" (free from disturbance, calm). This means that the alleys were noisy and busy. Of all the given options, only 'bustling' can be used to describe this kind of "alley". Hence, the correct answer is option C.

2. Ans. E.

If an animal, or bird is allowing humans to caress it, it means that the animal or bird is not afraid to interact with humans. This negates options A & B. the parrot being 'warm' has nothing to do with its allowing a human to touch it. The term "Hostile parrot" is inappropriate in the given context. Hence, the correct answer is option E.

3. Ans. B.

Options C, D and E can be eliminated as the words are in the singular forms, but "many" should be succeeded by a plural noun. "Scruples" means "hesitations" and does not fit in the context of the given passage. 'Soirees' is the most suitable option as it refers to an evening party or gathering, typically in a private house, for conversation or music. Hence, the correct answer is option B.

4. Ans. D.

'Drenched' and 'doused' are the verbs used in the context of water. 'Plunge' means to push or thrust quickly, which is not suitable for the people coming to attend the soiree. The phrase "impressed in" is incorrect and "impressed by" should be used instead. One can spend hours getting *immersed* in music. Hence, the correct answer is option D.

5. Ans. A.

"Absorb" means to take in and understand fully (information, ideas, or experience).

"Soak" means to be immersed in water or another liquid.

"Devour" means to eat (food or prey) hungrily or quickly.

"Grasp" means to comprehend fully.

"Engage" means to participate or become

involve

"Soak" and "grasp" are incorrect as the blank is preceded by the verb "had" and must carry a word in the past participle form. "Devoured" is a wrong choice as the context is that of the music and not food or water. "Engaged" needs the preposition 'in' after it, which is not present. Thus, "absorbed" is the most appropriate fit for the blank. Hence, the correct answer is option A.

6. Ans. B.

The subject of the statement is 'gold deposits', which is plural and thus, a plural helping verb should be used in the second fragment instead of 'was', i.e. 'were'. Hence, option B is the correct response.

7. Ans. E.

The sentence is grammatically and systematically correct. Hence, option E is the correct response.

8. Ans. D.

Replace 'shares by the company' by 'shares of the company'. The ownership of the shares is being changed from the company to the employees and thus 'by' is the wrongly used preposition. Thus, option D is the correct response.

9. Ans. D.

The error is in the fourth part. The growth prospects are in the future. Hence, 'will be a high growth rate this year' should be used since the the given sentence is a conditional one and follows the following structure:

If + Present Tense, will + inf / present tense / imperative

Hence, option D is the right response.

10. Ans. B.

The error is in the phrase 'power of pay' in the second part of the statement. It should be either 'power of paying' or 'power to pay' to make the statement grammatically correct. Thus, option B is the correct answer.

11. Ans. E.

The first blank needs a verb in the singular form as the noun 'detective' is preceded by the article 'a'; so 'collects' is the only choice out of the five given

options that would fit into the blank, making option E a correct response.

12. Ans. B.

When we talk about someone saving life in water, the term 'rescue' is used. Since the given sentence follows the past form of the tense, "rescued" would fill up the blank. Also, rescuing a ship denotes that the coast guard had encountered a problem like stranding (leaving aground on a shore) in the middle of a sea. Hence, it is the most suitable response.

13. Ans. B.

'Wish', 'dream' and 'desire' can be used interchangeably, so the key to solve this question is understanding the grammatical structure of the statement. The statement seems to be presented like a generic statement and simple present is used in such places, so 'knows' fits the second blank. Thus, it has been said that it is the dream of every musician to be appreciated by the audience that knows what kind of music it likes.

Note: "Its" has been used for the audience here.

14. Ans. A.

The first blank needs to be filled with the second form of the verb, while the second blank needs to be filled with the first form of the verb, thus options B, C and D can't be used. 'Manipulate' in option E is not suitable for the second blank as it means to handle or control (a tool, mechanism, information, etc.) in a skilful manner. Thus, option A is the correct response.

15. Ans. D.

A- 'Thinking' needs to be followed by a preposition, which is not the case here, so it is incorrect.

B- 'Preparing' too would need a preposition in the context of this statement.

C- 'Plan' is incorrect form of verb as gerund form is required here.

E- 'Planned' is simple past form of verb while the statement is in simple present tense.

So, option D is the most suitable response for the given sentence which says that the mentioned company is planning to do some major changes in its HR policy in relation to its managerial cadres (a small group of people specially trained for a

particular purpose or profession). Hence, option D is the right response.

16. Ans. C.

'Who' is a relative pronoun used for people. But in the second position, it has been used for 'they saw in each other' which is incorrect. Thus, 'who' is more suited at position 1 where it indicated the noun 'a couple'. So, 'who' and 'what' should be exchanged. Hence, the correct answer is option C.

17. Ans. D.

The usage of the word "conditions" at (1) renders the sentence incoherent. The same goes with the usage of the word "crushing". "Crushing" means humiliating and is often used before nouns to indicate how bad or severe something (a defeat/ an impact) is. Thus, the word would appropriately fit at position (1). "Conditions" follows logically after the phrase "better living". The reference to The Dust Bowl indicates economic impacts. The word 'conditions' at position (1) does not act as an adjective to economic impacts. The word 'conditions' rather fits as a noun referring to the state of living. Thus, option D is the correct answer.

18. Ans. A.

"Edging" (noun) refers to something which forms an edge or a border. As a verb, the word means to "move or cause to move gradually or furtively in a particular direction". The word fails to make appropriate sense at position (2). The word "surprise" does fit in its base form at position (3). Also, "has + been" will take a present participle form of verb after it. "Surprise" and "edging" can be exchanged to allow the sentence to convey an appropriate sense. Thus, option A is the correct answer.

19. Ans. E.

The sentence is correct and requires no changes. Hence, the correct answer is E.

20. Ans. C.

With reference to the Halley's Comet and the solar system, 'close' is incorrect at position (1). The term "close scientists" does not make any sense. The word "scientists" needs an adjective, and thus, 'planetary' fits better. The Halley's Comet passed **close** to the sun as a fact and therefore, "close" should be placed at

position (4). So, option C is the correct answer.

21. Ans. D.

Refer to the last sentence in the series.

22. Ans. B.

Refer to the last sentence in the series.

23. Ans. C.

Refer to the last sentence in the series.

24. Ans. E.

Refer to the last sentence in the series.

25. Ans. A.

The topic of the paragraph is result of the French presidential elections. The sentence mentioning this in a straightforward way is E. So, E is the first sentence in the sequence. Now, this statement will require elaboration. Generally, it is followed by the statistics (as given in C) or by its effect on the political scenario in and about France (as given in B & F). Since D comes in the fourth position, there can be only two sentences between E & D. Sentence D states that "it" shouldn't be taken as a victory because there is a lot more to do. Here "it" indicates data that has been provided just before D. Sentence C states that Macron won by margin wider than that of the expected one. Thus, sentence C provides data that can be taken as a sign of victory. So, C comes before D. Sentence D hints at there is a lot to 'heal' or a lot to do for the new president. Sentence F answers this by stating what are the challenges waiting to meet the new president. So, F comes after D. So far, our sequence has become E ___ CDF _____. As discussed earlier, B had a chance of coming between E and D. So, we will place B in the second place, with A filling in at the last position as it completes the sentence F stating the challenges to be met by the president. So, the final sequence is EBCDFA.

26. Ans. E.

0

The word **landscape** carries several meanings:

1. It means making an area more attractive by altering the existing design, adding ornamental features, and planting trees and shrubs.

2. It also means the genre of landscape painting.

3. It can also be defined as the visible

features of an area of land, often considered in terms of their aesthetic appeal.

Among these, the meaning given in 1 makes statement 1 correct and the one given in 2 makes statement 2 correct and the one given in 3, makes statement 3 correct.

27. Ans. C.

The word **buoy** carries several meanings: 1) An anchored float serving as a navigation mark, to show reefs or other hazards, or for mooring.

2) Keep (someone or something) afloat.

3) To be encouraged.

Among these, the meaning given in 1 makes statement 2 correct and the one given in 3 makes statement 2 correct.

In statement 3, wealth or influence is being talked about, thus, the word "buoy" is not appropriate.

28. Ans. E.

Below bulleted are the different meanings of the word **steer**:

1) To guide or direct something in a particular direction.

2) To take the charge of a firm or a company.

3) To take actions or steps in order to achieve a desired result.

The meaning given in bullet 1 matches with the option 1, making it correct. The meaning given in bullet 2 matches with the option 2 and bullet 3 defines 'steer' as given in option 3. Therefore, all the options stand correct.

29. Ans. D.

The word 'prune' is a homonym, i.e. carries more than one meaning. One meaning of 'prune' is to reduce something in terms of number of amount. This meaning perfectly fits the word 'prune' in the option 1, hence, making it correct. 'Prune' is also used for plum fruit in its dried form. This meaning aptly places the word in the option 3 making it correct as well.

Since 'prune' does not have any other meaning except the two mentioned above, the sentence given in option 2 does not use 'prune' correctly. It mentions fishes with regards to diseases, and 'prone' could have been a correct replacement. So, option 2 is incorrect,

and 1 and 3 together show the meaning of 'prune' appropriately.

30. Ans. D.

The word **buckle** mainly has four meanings:

1. A metal piece at the end of a strap used to enclose two ends together (as a noun).
 2. The act of fastening the buckle (as a verb).
 3. Defeated due to circumstances.
 4. Bent by heat, pressure or any other form of external force.
- From the meanings listed above, we may conclude that option 1 uses the second enlisted meaning of the word 'buckle'. Option 2 uses the meaning of the word as shown by the bullet point 4. However, option 3 does not use the word in any of the given meanings. Therefore, option 3 is incorrect in the use of the word.

31. Ans. D.

9 + 21 = 30 (right)
S % # E F X 3 @ 0 N ! M 7 * B H V 7 ^ W & S 7 P G 2 4 \$ C J)

32. Ans. B.

M 7 *, V 7 ^

33. Ans. D.

S % # E F X 3 @ 0 N ! M 7 * B H V 7 ^ W & S 7 P G 2 4 \$ C J)
8th symbol from left end - @
9th letter to the right of 8th symbol from the left end - V

34. Ans. B.

21 - 12 = 9 (Right)
S E F X 3 0 N M 7 B H V 7 **W** S 7 P G 2 4 C J

35. Ans. D.

S % # E F X 3 @ 0 N ! M 7 * B H V 7 ^ **W & S** 7 P G 2 4 \$ C J)

36. Ans. B.

As per given information arrangement is as follows:

- * Acer laptop is available on stall No. 3 manages by manager L, and he does not belong to Pune and Delhi.
- * J is a female and is managing stall No. 2 Dell laptop and she belongs to Chandigarh.
- * Manager K is from Pune and he is not handling with Lenovo.
- * Manager of HCL belongs to Lucknow and he is in stall No. 5.
- * Manager from Pune is managing Toshiba is a male Manager of M who belongs to Lucknow.

* The manager who is from Delhi is on stall No.4.

Stalls no	Laptop	Managers	City
1	Toshiba	K	Pune
2	Dell	J(-)	Chandigarh
3	Acer	L	Noida
4	Lenovo	N(-)	Delhi
5	HCL	M	Lucknow

J and N are pair of females. So answer is option B.

37. Ans. A.

As per given information arrangement is as follows:

- * Acer laptop is available on stall No. 3 manages by manager L, and he does not belong to Pune and Delhi.
- * J is a female and is managing stall No. 2 Dell laptop and she belongs to Chandigarh.
- * Manager K is from Pune and he is not handling with Lenovo.
- * Manager of HCL belongs to Lucknow and he is in stall No. 5.
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4	Lenovo	N(-)	Delhi
5	HCL	M	Lucknow

Acer and L belong to city Noida. So answer is option A.

38. Ans. B.

As per given information arrangement is as follows:

- * Acer laptop is available on stall No. 3 manages by manager L, and he does not belong to Pune and Delhi.
- * J is a female and is managing stall No. 2 Dell laptop and she belongs to Chandigarh.
- * Manager K is from Pune and he is not handling with Lenovo.
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4	Lenovo	N(-)	Delhi
5	HCL	M	Lucknow

Laptop of Toshiba is available on stall.1.
So answer is option B.

39. Ans. C.

As per given information arrangement is as follows:

- * Acer laptop is available on stall No. 3 manages by manager L, and he does not belong to Pune and Delhi.
- * J is a female and is managing stall No. 2 Dell laptop and she belongs to Chandigarh.
- * Manager K is from Pune and he is not handling with Lenovo.
- * Manager of HCL belongs to Lucknow and he is in stall No. 5.
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Stalls no	Laptop	Managers	City
1	Toshiba	K	Pune
2	Dell	J(-)	Chandigarh
3	Acer	L	Noida
4	Lenovo	N(-)	Delhi
5	HCL	M	Lucknow

M is the manager of HCL. So answer is option C.

40. Ans. B.

As per given information arrangement is as follows:

- * Acer laptop is available on stall No. 3 manages by manager L, and he does not belong to Pune and Delhi.
- * J is a female and is managing stall No. 2 Dell laptop and she belongs to Chandigarh.
- * Manager K is from Pune and he is not handling with Lenovo.
- * Manager of HCL belongs to Lucknow and he is in stall No. 5.
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Stalls no	Laptop	Managers	City
1	Toshiba	K	Pune
2	Dell	J(-)	Chandigarh
3	Acer	L	Noida
4	Lenovo	N(-)	Delhi
5	HCL	M	Lucknow

No. 5 – HCL – M – Lucknow combination is true. So answer is option B.

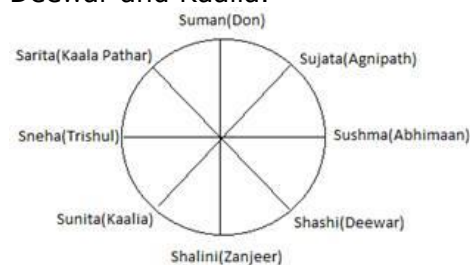
41. Ans. E.

Following are the steps.

1. Sushma, who likes Abhimaan, sits second to the right of the girl who likes Zanjeer.
2. The girls who like Deewar and Don does not sit opposite to Sushma.
3. Sarita and Suman neither like Zanjeer nor sit adjacent to Sushma.
4. Sunita and Sneha are immediate neighbors and neither of them likes Zanjeer and Don.
5. Shashi does not like Zanjeer.
6. Suman, who likes Don, sits second to the left of Sneha, who likes Trishul.
- 7.

There are four girls between Suman and Shashi when counted from anticlockwise, Sarita, Sneha, Sunita and Shalini.

8. Sunita does not like Deewar.
9. The immediate neighbor of Suman faces Sunita, who sits third to the left of the one who likes Abhimaan.
10. Sarita likes Kala Pathar and Sujata likes Agnipath.
11. There are two persons between those two girls who like Deewar and Don.
12. Both Sujata and Shalini do not like Deewar and Kaalia.



42. Ans. B.

Shashi likes Deewar and Sarita sits opposite to Shashi.

Following are the steps.

1. Sushma, who likes Abhimaan, sits second to the right of the girl who likes Zanjeer.
2. The girls who like Deewar and Don does not sit opposite to Sushma.

3. Sarita and Suman neither like Zanjeer nor sit adjacent to Sushma.
4. Sunita and Sneha are immediate neighbors and neither of them likes Zanjeer and Don.
5. Shashi does not like Zanjeer.
6. Suman, who likes Don, sits second to the left of Sneha, who likes Trishul.
- 7.

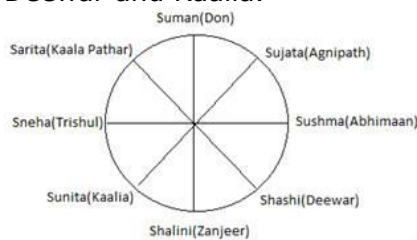
There are four girls between Suman and Shashi when counted from anticlockwise, Sarita, Sneha, Sunita and Shalini.

8. Sunita does not like Deewar.
9. The immediate neighbor of Suman faces Sunita, who sits third to the left of the one who likes Abhimaan.

10. Sarita likes Kala Pathar and Sujata likes Agnipath.

11. There are two persons between those two girls who like Deewar and Don.

12. Both Sujata and Shalini do not like Deewar and Kaalia.



43. Ans. C.

Shashi likes Deewar. There are two persons sit between Shashi and Suman. Shashi sits third left to Suman. But Shashi sits opposite to Sarita who likes Kaala Pathar.

Following are the steps.

1. Sushma, who likes Abhimaan, sits second to the right of the girl who likes Zanjeer.
2. The girls who like Deewar and Don does not sit opposite to Sushma.
3. Sarita and Suman neither like Zanjeer nor sit adjacent to Sushma.
4. Sunita and Sneha are immediate neighbors and neither of them likes Zanjeer and Don.
5. Shashi does not like Zanjeer.
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- 7.

There are four girls between Suman and Shashi when counted from anticlockwise, Sarita, Sneha, Sunita and Shalini.

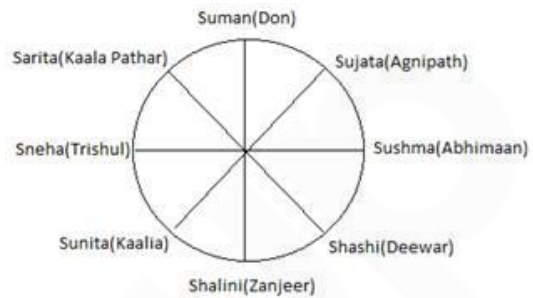
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9. The immediate neighbor of Suman faces Sunita, who sits third to the left of the one who likes Abhimaan.

10. Sarita likes Kala Pathar and Sujata likes Agnipath.

11. There are two persons between those two girls who like Deewar and Don.

12. Both Sujata and Shalini do not like Deewar and Kaalia.



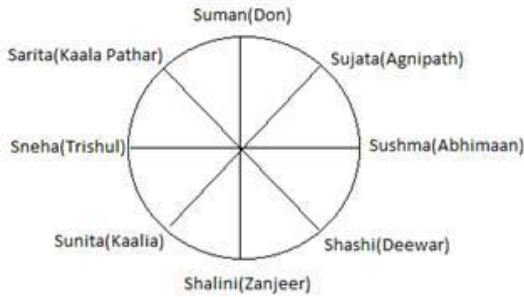
44. Ans. E.

Suman sits exactly opposite to Shalini. Sujata sits exactly opposite to Sunita. Sushma sits exactly opposite to Sneha and Sarita sits exactly opposite to Shashi.

Following are the steps.

1. Sushma, who likes Abhimaan, sits second to the right of the girl who likes Zanjeer.
2. The girls who like Deewar and Don does not sit opposite to Sushma.
3. Sarita and Suman neither like Zanjeer nor sit adjacent to Sushma.
4. Sunita and Sneha are immediate neighbors and neither of them likes Zanjeer and Don.
5. Shashi does not like Zanjeer.
6. Suman, who likes Don, sits second to the left of Sneha, who likes Trishul.
- 7.
- There are four girls between Suman and Shashi when counted from anticlockwise, Sarita, Sneha, Sunita and Shalini.
8. Sunita does not like Deewar.
9. The immediate neighbor of Suman faces Sunita, who sits third to the left of the one who likes Abhimaan.
10. Sarita likes Kala Pathar and Sujata likes Agnipath.
11. There are two persons between those two girls who like Deewar and Don.
12. Both Sujata and Shalini do not like

Deewar and Kaalia.



45. Ans. A.

Sunita likes Kaalia and Suman sits third to the left of her.

Following are the steps.

1. Sushma, who likes Abhimaan, sits second to the right of the girl who likes Zanjeer.
2. The girls who like Deewar and Don does not sit opposite to Sushma.
3. Sarita and Suman neither like Zanjeer nor sit adjacent to Sushma.
4. Sunita and Sneha are immediate neighbors and neither of them likes Zanjeer and Don.
5. Shashi does not like Zanjeer.
6. Suman, who likes Don, sits second to the left of Sneha, who likes Trishul.
- 7.

There are four girls between Suman and Shashi when counted from anticlockwise, Sarita, Sneha, Sunita and Shalini.

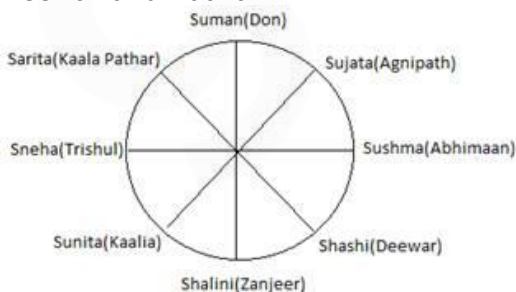
8. Sunita does not like Deewar.

9. The immediate neighbor of Suman faces Sunita, who sits third to the left of the one who likes Abhimaan.

10. Sarita likes Kala Pathar and Sujata likes Agnipath.

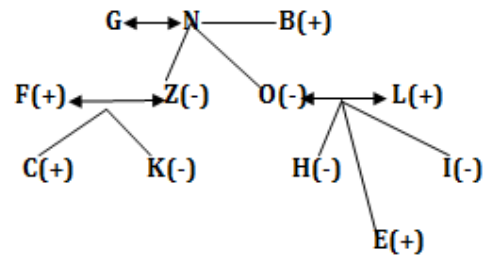
11. There are two persons between those two girls who like Deewar and Don.

12. Both Sujata and Shalini do not like Deewar and Kaalia.



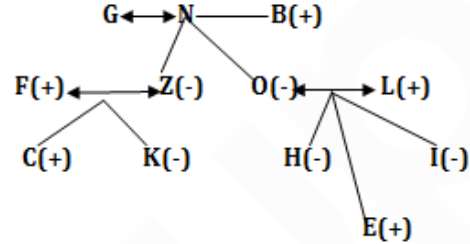
46. Ans. B.

According to the given information, O is aunt of C.



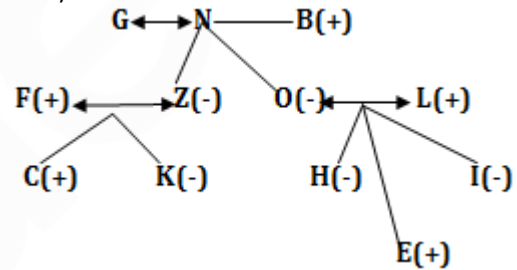
47. Ans. A.

According to the given information, H is grand daughter of N.



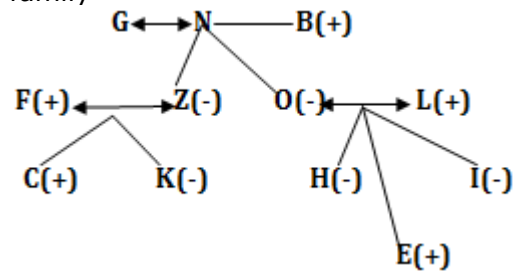
48. Ans. C.

According to the given information, there are only three couples in the family - G & N, F & Z and O & L.



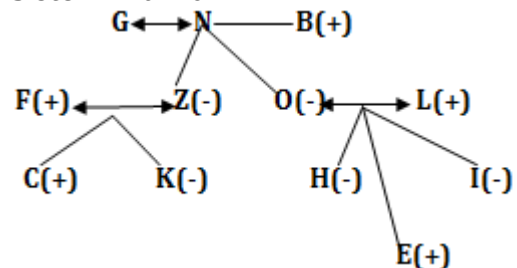
49. Ans. D.

According to the given information, there are only F & Z and O & L couples in the family -

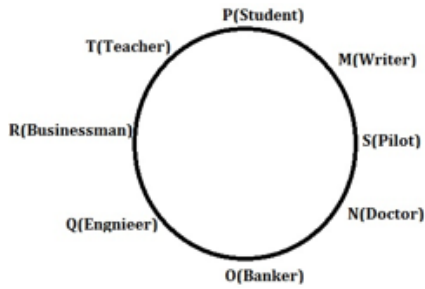


50. Ans. C.

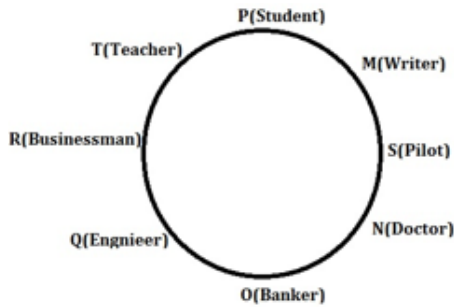
According to the given information, Z is Sister-in-law of L.



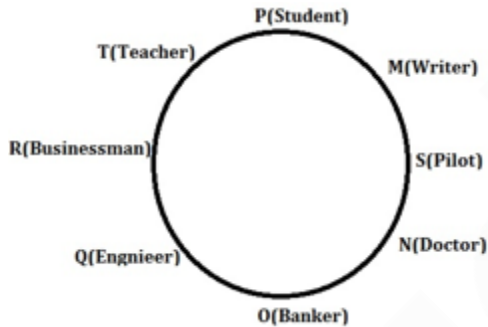
51. Ans. D.



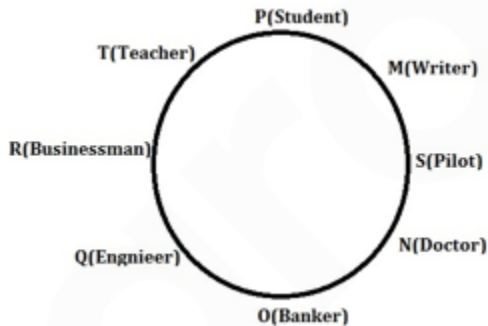
52. Ans. E.



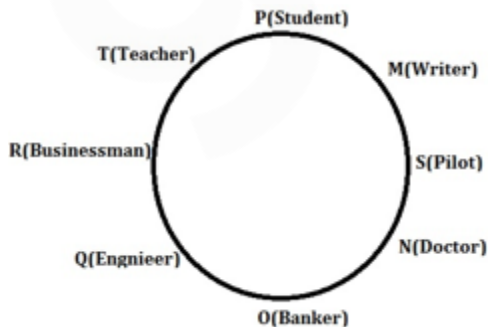
53. Ans. A.



54. Ans. D.



55. Ans. C.



56. Ans. D.

1. Colours - ki
2. Rainbow - ro
3. Sky - la
4. The - so
5. Rocket - pe
6. Of - fa
7. High - jo
8. World - ne

Hence colours = 'ki' , sky = 'la' , high = 'jo'

Hence option D is correct

57. Ans. C.

1. Colours - ki
2. Rainbow - ro
3. Sky - la
4. The - so
5. Rocket - pe
6. Of - fa
7. High - jo
8. World - ne

Hence , the = 'so'

Option C is correct

58. Ans. E.

1. Colours - ki
2. Rainbow - ro
3. Sky - la
4. The - so
5. Rocket - pe
6. Of - fa
7. High - jo
8. World - ne

Rocket = 'pe'

Hence option E is correct

59. Ans. D.

1. Colours - ki
2. Rainbow - ro
3. Sky - la
4. The - so
5. Rocket - pe
6. Of - fa
7. High - jo
8. World - ne

Of = 'fa'

The = 'so'

Rainbow = 'ro'

Sky = 'la' and bird is a new word in the sequence

Hence option D is correct

60. Ans. B.

1. Colours - ki
2. Rainbow - ro
3. Sky - la
4. The - so
5. Rocket - pe
6. Of - fa

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7. High - jo
8. World - ne

High = 'jo'

Hence option B is correct

61. Ans. A.

The one who lives immediately below Aamir is staying in Resort hotel is true with respect to Aamir as per the given information.

Actors	Floor	Hotels
Amitabh	7	Taj
Salman	6	Hilton Tower
Aamir	5	The Orchid
Akshay	4	Resort
Ajay	3	Hyatt
Hrithik	2	The Retreat
Sanjay	1	Centaur

62. Ans. B.

On floor no.3. Ajay lives and he staying in Hyatt

Actors	Floor	Hotels
Amitabh	7	Taj
Salman	6	Hilton Tower
Aamir	5	The Orchid
Akshay	4	Resort
Ajay	3	Hyatt
Hrithik	2	The Retreat
Sanjay	1	Centaur

63. Ans. E.

Ajay lives on the floor immediately above Hrithik.

Actors	Floor	Hotels
Amitabh	7	Taj
Salman	6	Hilton Tower
Aamir	5	The Orchid
Akshay	4	Resort
Ajay	3	Hyatt
Hrithik	2	The Retreat
Sanjay	1	Centaur

64. Ans. E.

Amitabh is staying in Taj Hotel.

Actors	Floor	Hotels
Amitabh	7	Taj
Salman	6	Hilton Tower
Aamir	5	The Orchid
Akshay	4	Resort
Ajay	3	Hyatt
Hrithik	2	The Retreat
Sanjay	1	Centaur

65. Ans. B.

Amitabh lives on 7th floor and the actor who staying in Resort lives on 4th floor. Therefore only two actors live between them.

Actors	Floor	Hotels
Amitabh	7	Taj
Salman	6	Hilton Tower
Aamir	5	The Orchid
Akshay	4	Resort
Ajay	3	Hyatt
Hrithik	2	The Retreat
Sanjay	1	Centaur

66. Ans. A.

The one who lives immediately below Aamir is staying in Resort hotel is true with respect to Aamir as per the given information.

Actors	Floor	Hotels
Amitabh	7	Taj
Salman	6	Hilton Tower
Aamir	5	The Orchid
Akshay	4	Resort
Ajay	3	Hyatt
Hrithik	2	The Retreat
Sanjay	1	Centaur

67. Ans. B.

On floor no.3. Ajay lives and he staying in Hyatt

Actors	Floor	Hotels
Amitabh	7	Taj
Salman	6	Hilton Tower
Aamir	5	The Orchid
Akshay	4	Resort
Ajay	3	Hyatt
Hrithik	2	The Retreat
Sanjay	1	Centaur

68. Ans. E.

Ajay lives on the floor immediately above Hrithik.

Actors	Floor	Hotels
Amitabh	7	Taj
Salman	6	Hilton Tower
Aamir	5	The Orchid
Akshay	4	Resort
Ajay	3	Hyatt
Hrithik	2	The Retreat
Sanjay	1	Centaur

69. Ans. E.

Amitabh is staying in Taj Hotel.

Actors	Floor	Hotels
Amitabh	7	Taj
Salman	6	Hilton Tower
Aamir	5	The Orchid
Akshay	4	Resort
Ajay	3	Hyatt
Hrithik	2	The Retreat
Sanjay	1	Centaur

70. Ans. B.

Amitabh lives on 7th floor and the actor who staying in Resort lives on 4th floor. Therefore only two actors live between them.

Actors	Floor	Hotels
Amitabh	7	Taj
Salman	6	Hilton Tower
Aamir	5	The Orchid
Akshay	4	Resort
Ajay	3	Hyatt
Hrithik	2	The Retreat
Sanjay	1	Centaur

71. Ans. C.

In this given number series, when we observe the numbers carefully, we can draw a pattern

$$5^2 - 3 = 22$$

$$10^2 - 3 = 97$$

$$15^2 - 3 = 222$$

$$20^2 - 3 = ? = 397$$

Hence, ? = 397
Option C is correct.

72. Ans. B.
4 5 16 81 568 5113
 $4 \times 1 + 1 = 5$
 $5 \times 3 + 1 = 16$
 $16 \times 5 + 1 = 81$
 $81 \times 7 + 1 = 568$
 $568 \times 9 + 1 = 5113$

73. Ans. D.
11 27 **59** 107 171 251
 $27 - 11 = 16 = 16 \times 1$
 $59 - 27 = 32 = 16 \times 2$
 $107 - 59 = 48 = 16 \times 3$
 $171 - 107 = 64 = 16 \times 4$
 $251 - 171 = 80 = 16 \times 5$

74. Ans. A.
The pattern of the given series is:
 $\Rightarrow 3 + 1^2 + 1 = 3 + 1 + 1 = 5$
 $\Rightarrow 5 + 2^2 + 2 = 5 + 4 + 2 = 11$
 $\Rightarrow 11 + 3^2 + 3 = 11 + 9 + 3 = 23$
 $\Rightarrow 23 + 4^2 + 4 = 23 + 16 + 4 = 43 = ?$

75. Ans. A.
The series is $(12)^3 - 12, (13)^3 - 13, (14)^3 - 14, (15)^3 - 15, (16)^3 - 16, (17)^3 - 17, (18)^3 - 18, \dots$

Alternatively, The series follows the pattern of difference of difference
 $2184 - 1716 = 468$
 $2730 - 2184 = 546 \Rightarrow 546 - 468 = 78$
 $3360 - 2730 = 630 \Rightarrow 630 - 546 = 84$
 $4080 - 3360 = 720 \Rightarrow 720 - 630 = 90$ Every time difference of difference increases by 6

So, Next number will be
 $4080 + (720 + 90 + 6) = 4896$
To check, $5814 - 4896 = 918 = (720 + 90 + 6) + 6$

Hence correct.

76. Ans. C.

I. $X = -3$
II. $y = 6, -3$

$\therefore x \leq y$
Hence answer is (c).

77. Ans. E.

I. $x = 4, 6$
II. $y = 5, -3.5$

Hence, relation between x and y cannot

be established.
Hence, answer is (E).

78. Ans. E.

I. $x = 3, -2$

II. $Y = 2, 4$

Hence answer = (e)

79. Ans. A.

$$4x^2 + 12x + 9 = 0$$

$$4x^2 + 6x + 6x + 9 = 0$$

$$2x(2x+3) + 3(2x+3) = 0$$

$$(2x+3)(2x+3) = 0$$

$$2x+3=0 \text{ or } 2x+3=0$$

$$2x=-3 \text{ or } 2x=-3$$

$$x = -\frac{3}{2} \text{ or } x = -\frac{3}{2}$$

$$x = -1.5 \text{ or } y = -1.5$$

$$2y^2 + 11y + 14 = 0$$

$$2y^2 + 7y + 4y + 14 = 0$$

$$y(2y+7) + 2(2y+7) = 0$$

$$(2y+7)(y+2) = 0$$

$$2y+7=0 \text{ or } y+2=0$$

$$2y=-7 \text{ or } y=-2$$

$$y = -\frac{7}{2} \text{ or } y = -2$$

$$y = -3.5 \text{ or } y = -2$$

$x > y$

80. Ans. A.

I.

$$x^2 - 41x + 78 = 0$$

$$x^2 - 39x - 2x + 78 = 0$$

$$x(x - 39) - 2(x - 39) = 0$$

$$x = 2, 39$$

II.

$$y^2 + 41y + 2y + 82 = 0$$

$$y(y+41) + 2(y+41) = 0$$

$$(y+41)(y+2) = 0$$

$$Y = -41, -2$$

$x > y$

81. Ans. D.

$$(455000 \div 1000) + (1625 \div 65) = ?$$

$$(455 + 25) = 480$$

82. Ans. C.

$$2840.91 + 42 \times 26.99 = ? \times 18.934$$

$$= 2841 + (42 \times 27) = 19x$$

$$= 2841 + 1134 = 19x$$

$$= 3975 = 19x$$

$$x = 209.21 = 210 \text{ (Approx)}$$

83. Ans. E.

$$(25^2) + (8^3) - (12^2)$$

$$625 + 512 - 144$$

$$= 993$$

84. Ans. C.

$$\sqrt{(1400 \times 1520) / 630}$$

$$\sqrt{3377.77}$$

$$= 58.12$$

85. Ans. B.

$$? \approx \frac{6406}{13} \times 26 \times 1.5$$

$$? \approx \frac{640.6}{13} \times 26 \times 1.5$$

$$\approx \frac{10 \times 26 \times 1.5}{13} \approx 30$$

86. Ans. D.

$$1.2 \times 0.9 \div (0.25 \times 24) \times 600 = ?$$

$$? = 1.2 \times 0.9 \div (0.25 \times 24) \times 600$$

$$? = 12 \times 9 \div (0.25 \times 24) \times 6$$

$$? = 12 \times 9 \div (6) \times 6$$

$$? = 12 \times 9 \div 1$$

$$? = \mathbf{108}$$

87. Ans. E.

$$\frac{80 * ?}{100} = \left(\frac{125 * 1}{0.5 * 0.5} \right)$$

$$? = \frac{500 * 100}{80} = 625$$

88. Ans. B.

$$(729 \div 27)^{1/3} + (25 \times 9)^{1/2} = (?)^{1/2}$$

$$(?)^{1/2} = (27)^{1/3} + (25 \times 9)^{1/2}$$

$$(?)^{1/2} = 3 + 15$$

$$? = (18)^2$$

$$? = 324$$

89. Ans. A.

$$2\frac{3}{4} + 2\frac{5}{2} = ? + 2\frac{5}{6}$$

$$\frac{11}{4} + \frac{9}{2} - \frac{17}{6} = ?$$

$$? = \frac{33 + 54 - 34}{12}$$

$$? = 53/12$$

90. Ans. B.

$$1456 \div 16 \times 14 + 22 = (?)^2$$

$$91 \times 14 + 22 = (?)^2$$

$$1274 + 22 = (?)^2$$

$$1296 = (?)^2$$

$$? = 36$$

91. Ans. E.

$$70\% \text{ of } 354 + 152.2 = ?\% \text{ of } 40 + ?\% \text{ of } 60$$

$$\frac{354 \times 70}{100} + 152.2 = ? \times \frac{40}{100} + ? \times \frac{60}{100}$$

$$247.8 + 152.2 = \frac{4?}{10} + \frac{6?}{10}$$

$$400 = \frac{10?}{10}$$

$$? = 400$$

92. Ans. B.

$$(6422 - 4441 - 1979) \times \sqrt{1156} = ?^{\frac{1}{3}} + \sqrt{2116}$$

$$(6422 - 6420) \times 34 = ?^{\frac{1}{3}} + \sqrt{2116}$$

$$2 \times 34 = ?^{\frac{1}{3}} + 46$$

$$?^{\frac{1}{3}} = 68 - 46$$

$$? = 22^3$$

$$? = 10648$$

93. Ans. E.

$$70\% \text{ of } (1246 + 283 - 652) = ?^2 + 172.9$$

$$\frac{70}{100} \times (1529 - 652) = ?^2 + 172.9$$

$$877 \times \frac{7}{10} = ?^2 + 172.9$$

$$613.9 - 172.9 = ?^2$$

$$? = \sqrt{441}$$

$$? = 21$$

94. Ans. B.

$$\frac{(2751 + 6482 - 2456 - 5142)}{\sqrt{729} + \sqrt{1024} - \sqrt{576}} = ?^2 + \sqrt{441}$$

$$\frac{(9233 - 7598)}{27 + 32 - 24} = ?^2 + \sqrt{441}$$

$$\frac{1635}{35} = ?^2 + 21$$

$$\frac{327}{7} = ?^2 + 21$$

$$?^2 = \frac{327}{7} - 21$$

$$? = \sqrt[3]{327 \times 3}$$

$$? = \sqrt[3]{981}$$

$$? = 31.32$$

95. Ans. C.

$$77 + 7.77 + 77.77 + 777.77 = ? + 77.7$$

$$7(11 + 1.11 + 11.11 + 111.11 - 11.1) = ?$$

$$7(134.33 - 11.1) = ?$$

$$7(123.23) = ?$$

$$? = 862.61$$

96. Ans. C.

The total number of events organized by company A in 2012 and 2014 together = 180 + 160 = 340
 The total number of events organized by company B in 2013 and 2017 together = 100 + 160 = 260
 So, required percentage = $(340 - 260) / 260 \times 100$
 $= 80 / 260 \times 100$
 $= 30.769\%$ (Approx)

Approx 31%

97. Ans. A.

The total number of events organized by company A in 2013 = 220
 The total number of events organized by company B in 2013 = 100
 The total number of events organized by both companies in 2013 = 220 + 100 = 320
 The total number of events organized by company A and B together in state 2 is 120 (Given)
 The total number of events organized by company A and B together in state 1, = 320 - 120 = **200**
 The ratio of the total number of events organized by company A in state 1 to company B in state 1 in 2013 is 3:2 (Given)

The total number of events organized by

$$\text{company B in state 1} = \frac{200}{(3+2)} \times 2$$

$$= \frac{200}{5} \times 2$$

$$= 80$$

98. Ans. D.

The total number of events organized by company B in all these six years, = 160 + 100 + 180 + 200 + 240 + 160 = 1040

$$\text{So, required average} = \frac{1040}{6} = 173.33$$

99. Ans. D.

The total number of events organized by company A in 2016 = 200

The total number of events organized in state 2 and state 4 together = 80

The total number of events organized in state 1 and state 3 together = 200 - 80 = 120

The total number of events organized by company A in state 3 is twice the number of events organized by company A in state 1.

Let the total number of events organized by company A in state 1 = x

Let the total number of events organized by company A in state 3 = 2x

Then,
 $x + 2x = 120$

$$3x = 120$$

$$x = 120 / 3 = 40$$

100. Ans. A.

The total number of events organized by company A in 2014, 2015 and 2016 together = 160 + 120 + 200 = 480

The total number of events organized by company B in 2013, 2014 and 2016 together = 100 + 180 + 240 = 520

So, required difference = 520 - 480 = 40

101. Ans. C.

Let Rs. P and Rs. (25000 - P) be the amounts that are invested in fixed deposits X and Y offering 6% and 8% return respectively

Since the total amount of interest accrued in two years through both fixed deposits is Rs. 3518

$$\therefore \text{Amount (A) = Principle (P) + Interest (I) = 25000 + 3518 = Rs. 28518}$$

$$= P \left(1 + \frac{r}{100} \right)^n$$

Since, , Where r = Rate of interest and n = number of years

$$\left[P \left(1 + \frac{6}{100} \right)^2 + (25000 - P) \left(1 + \frac{8}{100} \right)^2 \right] = 28518$$

$$\Rightarrow [P (1.06)^2 + (25000 - P) (1.08)^2] = 28518$$

$$\Rightarrow [P (1.1236) + (25000 - P) (1.1664)] = 28518$$

$$\Rightarrow 29160 - 0.0428P = 28518$$

$$\therefore P = 15000$$

\therefore The amount invested in scheme X is Rs. 15000

102. Ans. B.

Calculated average=36

Actual average=

$$\frac{36 \times 100 - 40 + 90}{100}$$

$$= 36.50$$

So, Percentage error

$$\frac{36.50 - 36}{36.50}$$

$$\times 100 = 1.36\%$$

103. Ans. B.

Ashwin takes 25 days to complete the work, which means that Ashwin can

complete $\frac{1}{25}$ work in a day

Vishal takes 20 days to complete the work, which means that B can complete

$\frac{1}{20}$ work in a day

Let the number of days in which work was completed be 'D'

Then number of days that Vishal worked for = $\frac{1}{5} D$

Number of days that Ashwin worked for = D

Hence work done can be calculated as - $\frac{1}{20} \times \frac{1}{5} \times D + \frac{1}{25} \times D = 1$

From this we can calculate D = 20 days

The number of days Vishal did not work is D - $\frac{1}{5} D = 16$ days

104. Ans. D.

Let total quantity of the mixture = 70 litre

then quantity of acid in original mixture = $70 \times \frac{80}{100} = 56$ litre

After the replacement, quantity of acid in the new mixture = $70 \times \frac{4}{7} = 40$ litre

This means, $56 - 40 = 16$ liter of acid is removed from the original mixture.

Suppose x liter of the mixture was

removed and replaced by water

Acid removed = 16 liters because of x liter of mixture removed

then $80\%x = 16$

$x = 20$

$\Rightarrow x = 20$ litre

Therefore, required part of the mixture

$$= \frac{20}{70} = \frac{2}{7}$$

105. Ans. E.

Let the swimming speed of Kuntal in still water be x km/hr.

The speed of the stream is 5 km/hr.

So, Kuntal's speed in upstream = $(x - 5)$ km/hr.

Kuntal's speed in downstream = $(x + 5)$ km/hr.

Kuntal can swim up to a certain distance upstream in 6 hours and returns to the origin in 2 hours and 15 minutes or 2.25 hours.

So, the distance travelled in upstream = $(x - 5) \times 6$ km.

And, the distance travelled in downstream = $(x + 5) \times 2.25$ km.

Now, we can write,

$$(x - 5) \times 6 = (x + 5) \times 2.25$$

$$\Rightarrow (x - 5) \times \frac{8}{3} = x + 5$$

$$\Rightarrow 8x - 40 = 3x + 15$$

$$\Rightarrow 5x = 55$$

$$\Rightarrow x = 11$$

So, the swimming speed of Kuntal in still water = 11 km/hr.

Then, the speed of Kuntal in downstream = $(11 + 5)$ km/hr. = 16 km/hr.

\therefore The time required to cover 44 km downstream by him = $\frac{44}{16} = 2.75$ hrs. = 2 hours and 45 minutes.

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