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Memory Based Paper

For SBI PO Exam



SBI PO Exam

1. In the given question, a phrase/ idiom has been given and there are three ways in which the phrase/ idiom has been used, in similar or different forms. You need to see which of the sentence(s) correctly uses the highlighted phrase/ idiom, and mark that as your answer.
TICK OFF
I. Shefali is very ticked off by her sister for using her cell phone without asking.
II. I cannot tell you enough but there are a lot of things I want to tick off the list of things-to-do before I die.
III. My mother would like to tick off some more items on her list before going home.

a) Only III

b) Only II

c) I and III

d) I, II and III

e) I and II

2. In the question given below, a sentence is given with two blanks, followed by five options, each having two words that may or may not fit in the blanks. Choose the one that gives the correct set of words that fit in the blanks.
According to recent developments, studios and conglomerates are making it their modus operandi to _____ their content libraries with shows and films based on classic titles that _____ nostalgic consumer recognition.

a) Establish, stimulates

b) Glide, inundate

c) Build up, inspire

d) Pile up, avoid

e) Preserve, evade

3. In the question given below, a sentence is given with two blanks, followed by five options, each having two words that may or may not fit in the blanks. Choose the one that gives the correct set of words that fit in the blanks.
Morocco's national action on climate change dates back to the mid-2000s, when the country made the decision to become a/an _____ leader in clean energy and to push forward _____renewable projects.

a) Regional, massive

b) Local, fragile

c) International, minute

d) Global, defunct

e) Comprehensive, mundane

4. In the question given below, a sentence is given with two blanks, followed by five options, each having two words that may or may not fit in the blanks. Choose the one that gives the correct set of words that fit in the blanks.
In a method _____ over centuries, the Khasi bridge builders weave aerial roots onto a bamboo or another wooden scaffolding, wheedle them across the river and finally _____ them on the opposite bank.

a) Crafted, inculcate

b) Perfected, implant

c) Befuddled, lodged

d) Assess, install

e) Pondered, buries

5. In the question given below, a sentence is given with two blanks, followed by five options, each having two words that may or may not fit in the blanks. Choose the one that gives the correct set of words that fit in the blanks.
Widespread scientific _____ has emerged on the potentially existential hazards of climate change, as many natural climate changes of this planet, in the distant past, have _____ been demonstrated in extraordinary and frightening detail.

a) Uncertainty, frequent

b) Solidarity, seldom

c) Arises, constantly

d) Consensus, repeatedly

e) Thought, embark

6. In the given question, a phrase/ idiom has been given and there are three ways in which the phrase/ idiom has been used, in similar or different forms. You need to see which of the sentence(s) correctly uses the highlighted phrase/ idiom, and mark that as your answer.
UP IN THE ARMS

I. Tom and Mary are up in the arms in love with each other and are going to get married next month.
II. The town was up in the arms over the state's plan to allow commercial flights at the air base.
III. Mom was really up in arms after I dented her brand-new car.

a) I and II

b) Only I

c) II and III

d) I and III

e) Only III

7. In the following question, two statements and five connectors are given. Only one of the connectors from those given can be used to combine the given two statements into one sentence without changing the meaning. Choose that connector as your answer.
I. I'd be willing to help you on this occasion.
II. I may not always be able to in future.

a) While

b) When

c) Before

d) Until

e) Lest

8. In the following question, two statements and five connectors are given. Only one of the connectors from those given can be used to combine the given two statements into one sentence without changing the meaning. Choose that connector as your answer.
I. In Los Angeles, a chief cause of this pollution is paved-road dust.
II. In San Diego, it's smoke from fireplaces.

a) Therefore

b) Whereas

c) Or

d) When

e) Despite

9. In the following question, two statements and five connectors are given. Only one of the connectors from those given can be used to combine the given two statements into one sentence without changing the meaning. Choose that connector as your answer.
I. Melissa was not doing well in her physics course.
II. Overall, she had a B average.

a) Yet

b) After

c) Or

d) Unless

e) Than

10. Read the given sentences to find out whether there is/are any grammatical error(s). Mark the option that has error(s). (Ignore errors of punctuation, if any)

a) With so many options in the market, the AirPods Pro continues to be the best sounding earbuds and just perfect for the Apple ecosystem.

b) Globally, 70 per cent of its revenue will now come from software and consulting, higher-value businesses that both saw strong growth in the third quarter.

c) Unlike an online beauty or a fashion venture, a start-up dealing in corporate travel might be considered quite boring, to say the least.

d) Government need to show urgency in appointment of chairman and members of regulatory bodies like IRDAI.

e) India is among the three countries where this will be tested first, the other two are Brazil and Turkey, according to a statement.

11. Read the given sentences to find out whether there is/are any grammatical error(s). Mark the option that has error(s). (Ignore errors of punctuation, if any)

a) As mentioned in the report, reducing the cost of case processing was the primary goal for 90% of respondents and survey respondents expected automation to delivering the cost savings of 30% per ICSR.

b) This helped in channelising a significant amount of savings of the household sector into the capital markets.

c) Historically, the tax department in a company has only been viewed as a compliance division.

d) Some of India's mid-sized private banks, once the darling of stock market investors, are struggling in the market cap rankings.

e) Falguni Nayar took on an industry that was not taken seriously and brushed away as something frivolous, to create a billion-dollar empire, and eventually go public.

12. Read the given sentences to find out whether there is/are any grammatical error(s). Mark the option that has error(s). (Ignore errors of punctuation, if any)

a) The virtual worlds within the metaverse need to be conceived, designed and built by individuals and organisations.

b) The development of more precisely missiles and guide bombs do not automatically mean a reduction in civilian deaths.

c) During the pandemic, many dogs enjoyed having their owners around more often than normal due to the public health restrictions.

d) It also leaves a substantial section of the north of England without a high-speed rail connection to the rest of the country.

e) A good negotiation is supposed to leave everyone feeling a little unsatisfied.

13. In the following question, a sentence is given with certain words marked as (A), (B), (C), (D) and (E). Choose the option with the pair(s) of words that need to be interchanged to make the sentence grammatically and contextually correct.
Numerous safety(A) databases available(B) in the market like Oracle Argus, ARIS-G etc. are used by the industry to adverse(C) and report process(D) events to local regulatory(E) authorities.

a) A-E

b) C-D

c) C-E

d) D-A

e) B-E and C-D

14. In the following question, a sentence is given with certain words marked as (A), (B), (C), (D) and (E). Choose the option with the pair(s) of words that need to be interchanged to make the sentence grammatically and contextually correct.
Although the present(A) focus of automation and taking(B) is on compliance in a big way, it is only a matter of time before(C) technology and analytics support the tax function in technology(D) strategic decisions, which is eventually(E) "the future of tax".

a) C-E

b) D-E

c) B-E and C-D

d) B-D

e) B-C

15. In the following question, a sentence is given with certain words marked as (A), (B), (C), (D) and (E). Choose the option with the pair(s) of words that need to be interchanged to make the sentence grammatically and contextually correct.
Amazon convince(A) the children asking how they could captured (B) their parents to let them "play," and getting detailed their(C) from Alexa on how to convince instructions(D) parents to buy them video(E) games.

a) A-B and C-E

b) C-E and B-D

c) A-B and C-D

d) A-C and D-E

e) B-E and C-D

Directions : In each of the questions given below, a set of sentences is given, which when properly sequenced, form a coherent paragraph. Arrange the sentences in the correct sequence, and answer the questions that follow.

A. Chimeras are distinguished from mosaics, organisms that contain genetically different populations of cells originating from a single zygote, and from hybrids, organisms containing genetically identical populations of cells originating from a cross of two different species.

B. Included among the different known types of animal chimeras are dispermic and twin chimeras, microchimeras, and parthenogenetic and androgenetic chimeras.

C. Chimera, in genetics, is an organism or tissue that contains at least two different sets of DNA, most often originating from the fusion of as many different zygotes (fertilized eggs).

D. In dispermic chimeras, two eggs that have been fertilized by two sperm fuse together, producing a so-called tetragametic individual - an individual originating from four gametes, or sex cells.

E. The term is derived from the Chimera of Greek mythology, a fire-breathing monster that was part lion, part goat, and part dragon.

16. Which of the following statements will immediately precede statement B, in the final arrangement?

a) D

b) C

c) E

d) A

e) B is the first sentence

17. What is the position of sentence A, in the final arrangement?

a) 3rd

b) 1st

c) 4th

d) 5th

e) 2nd

18. Which of the following statements is second to last, in the final arrangement?

a) D

b) A

c) C

d) E

e) B

19. Which of the following statements lie in between statements D and A?

a) C

b) B

c) E

d) More than one statement lies between D and A.

e) None of the statements lie between D and A, as they are consecutive sentences in the final arrangement.

20. Which of the following sentences has the same position in the final arrangement, as their alphabetical position?

a) B

b) D

c) None of these

d) A

e) C

21. In the given question, a phrase/ idiom has been given and there are three ways in which the phrase/ idiom has been used, in similar or different forms. You need to see which of the sentence(s) correctly uses the highlighted phrase/ idiom, and mark that as your answer.
ON CLOUD NINE
I. The grandmother was on cloud nine to see her grandson after a long time.
II. We started well, top of the table, but it all went on cloud nine and we lost five matches in a row.
III. He applied everywhere in town, but nobody hired him initially, however, later that week he was floating on cloud nine after finally receiving a job offer.

a) I and III

b) I and II

c) Only I

d) Only II

e) Only III

Directions : Read the following passage carefully and answer the questions that follow.

Psychologists have compiled a large body of research on the many benefits of curiosity. It enhances intelligence: In one study, highly curious children aged three to 11 improved their intelligence test scores by 12 points more than their least-curious counterparts did. It increases perseverance, or grit: Merely describing a day when you felt curious has been shown to **boost** mental and physical

energy by 20% more than recounting a time of profound happiness. And curiosity propels us toward **deeper** engagement, superior performance, and more-meaningful goals: Psychology students who felt more curious than others during their first class enjoyed lectures more, got higher final grades, and subsequently enrolled in more courses in the discipline. But another stream of research on curiosity is equally important, in our view. Since the 1950s psychologists have offered competing theories about what makes one person more curious than another. Rather than regard curiosity as a single trait, we can now break it down into five distinct dimensions. Instead of asking, "How curious are you?" we can ask, "How are you curious?" Synthesising this and other important research, and in conjunction with our George Mason colleague Patrick McKnight, we created a five-dimensional model of curiosity. The first dimension, derived from Berlyne and Loewenstein's work, is *deprivation sensitivity* - recognising a gap in knowledge the filling of which offers relief. This type of curiosity doesn't necessarily feel good, but people who experience it work relentlessly to solve problems.

The second dimension, influenced by Deci's research, is *joyous exploration* - being consumed with wonder about the fascinating features of the world. This is a pleasurable state; people in it seem to possess a joie de vivre. The third dimension, stemming from Renner's research, is *social curiosity* - talking, listening, and observing others to learn what they are thinking and doing. Human beings are inherently social animals, and the most effective and efficient way to determine whether someone is friend or foe is to gain information. Some may even snoop, eavesdrop, or gossip to do so. The fourth dimension, which builds on recent work by Paul Silvia, a psychologist at the University of North Carolina at Greensboro, is *stress tolerance* - a willingness to accept and even harness the anxiety associated with novelty. People lacking this ability see information gaps, experience wonder, and are interested in others but are unlikely to step forward and explore.

The fifth dimension, inspired by Zuckerman, is *thrill seeking* - being willing to take physical, social, and financial risks to acquire varied, complex, and intense experiences. For people with this capacity, the anxiety of confronting novelty is something to be amplified, not reduced. We have been testing this model in several ways. With Time Inc. we conducted surveys across the United States to discover which of the dimensions lead to the best outcomes and generate particular benefits. For instance, joyous exploration has the strongest link with the experience of intense positive emotions. Stress tolerance has the strongest link with **satisfying** the need to feel competent, autonomous, and that one belongs. Social curiosity has the strongest link with being a kind, generous, modest person.

22. Why the statement "For people with this capacity, the anxiety of confronting novelty is something to be amplified, not reduced" has been made?

a) To prevent people with Stress tolerance to undermine people with Thrilling experience

b) In order to form connections between the two- Stress tolerance and Thrill.

c) So that Stress tolerance and Thrill, together, can lead us to new insights of curiosity.

d) Because Thrill is incomplete without Stress Tolerance.

e) To be able to distinguish Stress tolerance from Thrill.

23. Which of the following best describes the dimension 'Social curiosity' of curiosity?

a) The inquisitiveness to know what other people are thinking and doing by observing, talking, or listening to conversations.

b) The willingness to take physical, social, and financial risks to acquire varied, complex, and intense experiences.

c) The recognition and desire to seek out new knowledge and information, and the subsequent joy of learning and growing.

d) Disposition to embrace the doubt, confusion, anxiety, and other forms of distress that arise from exploring new, unexpected, complex, mysterious, or obscure events.

e) Pondering abstract or complex ideas, trying to solve problems, and seeking to reduce gaps in knowledge.

24. What difference/similarity can be perceived between Deprivation sensitivity and Joyous exploration?

a) Both Deprivation sensitivity and Joyous exploration stem from the desire to add more to the existing knowledge.

b) Deprivation sensitivity stems from the absence of knowledge that must be known while Joyous exploration stems from the desire to add more to the existing knowledge.

c) It is not feasible to compare Deprivation sensitivity and Joyous exploration for any similarity or difference.

d) Both Deprivation sensitivity and Joyous exploration stem from the absence of knowledge that must be known.

e) Joyous exploration stems from the absence of knowledge that must be known while Deprivation sensitivity stems from the desire to add more to the existing knowledge.

25. Which of the following is the correct antonym of 'Deeper'?

a) Extensive

b) Superficial

c) Amplify

d) Liberate

e) Distinguish

26. As per your understanding, why is it desirable to break down 'curiosity' into five distinct dimensions than simply relying on a monolithic view of curiosity?
I. To seek information with predictably ominous consequences despite being warned of its pernicious contents.
II. To understand how curiosity impacts quality that drives success and fulfilment in work and life.
III. To discover and leverage talent and to form groups that are greater than the sum of their parts.

a) Both I & II

b) Only II

c) Only III

d) Both III & II

e) Only I

27. Which of the following is the correct synonym of 'Satisfying'?

a) Inflate

b) Pointless

c) Spur

d) Fulfilling

e) Opulent

28. What is the order of the given five dimensions of curiosity in reverse?

a) Thrill seeking, Joyous exploration, Stress tolerance, Social curiosity, and Deprivation sensitivity

b) Deprivation sensitivity, Joyous exploration, Social curiosity, Stress tolerance, and Thrill seeking

c) Thrill seeking, Social curiosity, Deprivation sensitivity, Stress tolerance, and Joyous exploration

d) Thrill seeking, Joyous exploration, Social curiosity, Stress tolerance, and Deprivation sensitivity

e) Thrill seeking, Stress tolerance, Social curiosity, Joyous exploration, and Deprivation sensitivity

29. Which of the following is the correct antonym of the 'boost'?

a) Prompt

b) Novel

c) Deteriorate

d) Augment

e) Shallow

30. Which of the following is incorrect as per the passage?

a) Joyous exploration has the strongest link with the need to be competent.

b) In the study conducted, children with high curiosity improved their intelligence test scores by 12 points more than children with least curiosity.

c) The fifth dimension consists of thrill-seeking experience.

d) Curiosity can approximately increase one's energy level by 20% more than simply happiness can.

e) Psychologists agreed to study the dimensions of curiosity than considering curiosity as a single trait.

31. In the question two equations numbered (I) and (II) are given. You should solve both the equations and mark appropriate answer.
I. $x^2 - 19x + 90 = 0$
II. $y^2-24y+143 = 0$

a) if x > y

b) if x ≥ y

c) if x < y

d) if x ≤ y

e) if x = y or the relationship cannot be established

Directions : The data given is regarding two shopkeepers: Ribak and Rasook, who sold 3 different products in their shop namely Shirts, Trousers and Jackets. Average of the total number of shirts, trousers and jackets sold by them is 540. Ribak sold 60% of total number of products sold, and the number of shirts sold by him was 40% less than the total number of trousers sold by both of them together. The number of jackets Ribak sold was 30 less than half of the number of total shirts and trousers sold by both of them together. Ratio of the number of shirts sold by Rasook to the total number of trousers sold by both of them together is 31: 65. Total number of trousers and shirts sold by both of them together is 520 and 560 respectively.

32. What is the ratio of the number of shirts sold by Ribak to the number of jackets sold by Rasook?

a) 5:52

b) 6:31

c) 52:5

d) 2:3

e) 45:2

33. What is the difference between the average of the number of shirts sold by them and the number of jackets sold by Ribak?

a) 250

b) 300

c) 320

d) 230

e) 400

34. The number of shirts sold by Rasook is how much percent more than the number of trousers sold by Ribak?

a) 41.0%

b) 65.3%

c) 32.8%

d) 50.0%

e) 54.0%

35. There is another product socks sold by both of them and total number of socks sold by the two shopkeepers together is 20 less the total number of trousers sold by them. The ratio of the number of socks sold by Ribak to Rasook is 2:3, then find the difference between the number of trousers sold and the number of socks sold by Rasook?

a) 45

b) 62

c) 70

d) 95

e) 20

36. Find the ratio of the number of trousers sold by Ribak to the number of shirts sold by Rasook?

a) 124:75

b) 2:1

c) 3:2

d) 75:124

e) 70:113

37. If Prashant, Qamar and Rachit invested their money for same period of time in the ratio 3:4:5 and the difference of Rachit's and Prashant's share of the profit is Rs 12,000, what will Qamar's share amount to in 5 years if invested at the rate of 6% per annum simple interest?

a) Rs 31,200

b) Rs 33,300

c) Rs 30,200

d) Rs 30,000

e) Rs 29,400

38. The respective ratio of the incomes of Geeta and Sita is 13:9 and the respective ratio of their expenditures is 4:3. Geeta saves Rs.38000 and Sita saves Rs.24000. Expenditure of Reena is Rs.5000 less than that of Sita. Find the respective ratio of the expenditures of Geeta and Reena.

a) 5:3

b) 8:5

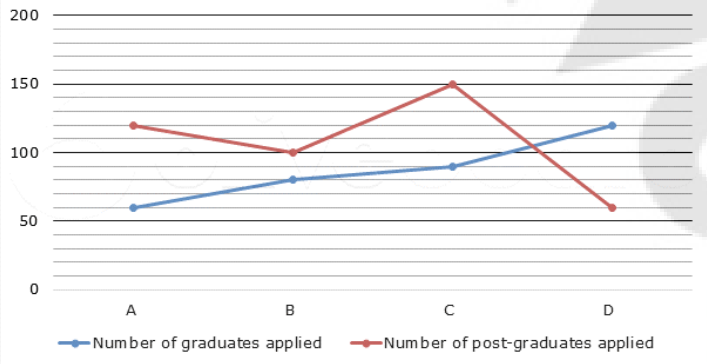
c) 7:4

d) 6:5

e) None of these

Directions : Study the following information carefully and answer the related questions.

Following line-graph represents the data regarding number of graduates and post-graduates, who applied in companies A, B, C and D.



39. Number of graduates applied in company A and number of post-graduates applied in company B together are how many more/less than total number of graduates and post-graduates applied in company D?

a) 20

b) 40

c) 10

d) 30

e) 50

40. What is the difference between the number of graduates and post-graduates applied in company C?

a) 30

b) 20

c) 50

d) 60

e) 10

41. Total number of graduates and post-graduates applied in company B is what percent of the total number of graduates and post-graduates applied in company D?

a) 50%

b) 120%

c) 100%

d) 75%

e) 60%

42. If a total of 250 post-graduates applied in company A and E together, then how many post-graduates applied in company E?

a) 130

b) 70

c) 60

d) 100

e) 90

43. If 26 female graduates applied in company A and total 110 male graduates applied in company A and D together, then how many female graduates applied in company D?

a) 24

b) 16

c) 26

d) 44

e) 34

44. Two persons P and Q together can finish a piece of work in 108 hours, when persons Q and R together started working at 5:00 PM on Mon and finished the work at 5:00 PM on Sat of the same week. If R alone can finish

the work in 360 hours, then in how many days P alone can finish the work?

a) 12.75 days

b) 11.25 days

c) 8.75 days

d) 9.25 days

e) 10.5 days

45. On a certain sum, the difference between SI and CI for 2 years at a 5% rate of interest will be what percent of the difference between SI and CI for 3 years at 20% rate of interest, if the CI on that certain sum at 20% rate of interest in 2 years is Rs.26400?

a) 6.39%

b) 11.35%

c) 4.99%

d) 1.95%

e) None of these

46. Madhu's age after four years is 75% of Priya's age after two years and sum of age of Madhu and Sudha is 20% more than the Priya's present age. Priya is three years older than Sudha, then what will be the age of Madhu six years hence?

a) 13 years

b) 10 years

c) 12 years

d) 11 years

e) 9 years

47. An item was marked up by 25%. After giving a discount, it was sold at ₹ 621. If it was marked up by 20% and given the same discount percentage, then the profit would be 10.4%. What was the cost of the item?

a) ₹ 565

b) ₹ 540

c) ₹ 560

d) None of the given

e) ₹ 580

48. The total cost of type A oil and type B oil is Rs.60 /liter and type A oil is dearer than type B oil. Type A oil and type B oil is mixed together in the ratio of 3: 5 respectively and the mixture is sold at Rs.28.75 liter. Find the respective ratio of the costs of type A oil and type B oil?

a) 5: 3

b) 4: 3

c) 3: 1

d) 7: 5

e) 6: 5

49. What should come in place of question mark(?) in the following number series?
472 462 442 402 322 ?

a) 172

b) 182

c) 162

d) 192

e) 152

50. In the following question two equations numbered I and II are given. You have to solve both the equations and choose the correct option.
I. $x^2 + 6x - 27 = 0$
II. $y^2 - 22y + 57 = 0$

a) $x < y$

b) $x > y$

c) $x \leq y$

d) $x \geq y$

e) $x = y$ or relationship cannot be established

51. In the following question two equations numbered I and II are given. You have to solve both the equations and choose the correct option.

I. x^2 -x -20 = 0
II. y^2 +21y +80 = 0

a) x < y

b) x > y

c) x ≤ y

d) x ≥ y

e) x = y or relationship cannot be established

52. In the question, two equations numbered (I) and (II) are given. You should solve both the equations and mark the appropriate answer.
I. x^2 - 5x + 6 =0
II. $2y^2$ - 3y -2 =0

a) if x > y

b) if x ≥ y

c) if x < y

d) if x ≤ y

e) if x = y or the relationship cannot be established

53. What should come in place of question mark(?) in the following number series?
81, ?, 189, 225, 249, 261

a) 141

b) 124

c) 121

d) 131

e) 127

54. In the question two equations numbered (I) and (II) are given. You should solve both the equations and mark appropriate answer.
I. x^2-x-2 = 0
II. $2y^2$-14y+24 = 0

a) if x > y

b) if x ≥ y

c) if x < y

d) if x ≤ y

e) if x = y or the relationship cannot be established

55. What should come in place of question mark(?) in the following number series?
2 15 64 195 ? 393

a) 388

b) 364

c) 392

d) 382

e) 390

Directions : The following table graph shows the total number of appliances sold by five companies - A, B, C, D, and E in a particular month. It also shows the percentage of refrigerators sold by them and number of ACs sold by them respectively.

Total number of Appliances sold = Number of refrigerators sold + number of ACs sold + number of ovens sold

Company	Total number of appliances sold	Percentage of refrigerator sold	Number of ACs sold
A	360	50%	100
B	450	40%	130
C	300	30%	110
D	400	48%	120
E	500	60%	140

56. Find the difference between the total number of Ovens sold by company B and company C together and the total number of refrigerators sold by company C and company D together.

a) 45

b) 42

c) 40

d) 48

e) 52

57. Find the average number of ACs sold by all five companies.

a) 120

b) 150

c) 130

d) 125

e) 160

58. Total number of Ovens sold by company E is what percent less than the total number of Ovens sold by company A?

a) 20%

b) 25%

c) 30%

d) 10%

e) None of these

59. Total number of appliances sold by company F is 20% more than the total number of appliances sold by company B. Total number of refrigerators sold by company F is 20% less than that of company E. The ratio between the number of ACs and Ovens sold by company F is 11: 4 respectively. Find the number of Ovens sold by company F.

a) 70

b) 90

c) 80

d) 75

e) 85

60. If company A sold one refrigerator at a price of Rs.18500 and one AC at a price of Rs.16000 and for that particular month, the revenue generated for the company A is Rs.5290000, then find at what price the company sold one Oven.

a) Rs.9000

b) Rs.6000

c) Rs.7000

d) Rs.8500

e) Rs.4500

61. The area of a circular field is 138600 m^2 and the perimeter of a square field is 816 m less than the circumference of the circular field. If the path of width is 6.5 meters running around the square field, then what is the area of the path around the square field?

a) 3355 m^2

b) 3545 m^2

c) 3445 m^2

d) 3455 m^2

e) None of these

62. A man can row X kmph in still water. If the river is running at (X - 3) kmph, it takes him 3/4 hours in total to row 2 km to a place and come back. Find the speed of the river.

a) 9.5 km/hr

b) 10 km/hr

c) 10.5 km/hr

d) 8 km/hr

e) None of these

63. In a coaching institute for banking and SSC preparation, there is a total of 3000 students. The ratio of the number of students for SSC preparation and banking preparation is 7: 8. If 55% of students who are preparing for banking in the coaching institute are engineering graduates and 60% of students who preparing for SSC are engineering graduates, then what is the average number of students who are engineering graduates in the coaching institute?

a) 870

b) 880

c) 850

d) 860

e) None of these

64. What should come in place of question mark(?) in the following number series?
15 ? 37.5 60 90 127.5

a) 22.5

b) 30

c) 15

d) 22

e) 21.5

65. What should come in place of question mark(?) in the following number series?
162 125 94 65 ? 21

a) 41

b) 44

c) 43

d) 42

e) 40

Directions : Six persons are sitting around a circular table facing towards the centre. Each of them likes a different fruit among mango, apple, banana, pineapple, orange and guava. P is sitting second to the right of the one who likes apple. One person is sitting in between the one who likes apple and the one who likes banana. R is sitting to the immediate right of the one who likes banana. The one who likes orange is sitting second to the right of R but it is not T. The one who likes mango is sitting third to the right of T. S is sitting to the immediate right of U. Q is not an immediate neighbour of S. T does not like the apple or guava. S is not an immediate neighbour of the one who likes orange.

66. Who likes pineapple?

a) R

b) T

c) S

d) U

e) Q

67. Who is sitting second to the left of the one who likes guava?

a) T

b) The one who likes orange

c) R

d) S

e) The one who likes pineapple

68. How many persons are sitting in between U and the one who likes mango, when counted from the left of U?

a) Four

b) None

c) Two

d) One

e) Three

69. Who is sitting third to the left of the one who likes orange?

a) P

b) S

c) Q

d) U

e) T

70. Four of the following five are alike in a certain way. Find the odd one out.

a) Guava, Q

b) Pineapple, P

c) Banana, U

d) Apple, T

e) Orange, R

Directions : 10 people A, B, C, D, E, F, G, H , I and J have a conference in different months i.e. January, May, August, October and December. Two conferences are there in each

month on different date i.e. 9th and 30th of each month. No two persons have the conference on same date of the same month.

G had a conference on an even date, in one of the months after May. Two people had a conference between G and H. H had a conference before G. I had the conference immediately before H. Only one person had a conference between I and D. B had a conference immediately before A, but both of them had a conference in different month. C had a conference after J, but not immediately. F and E had a conference in same month. D did not have a conference after H had the conference. A did not have a conference in December. F did not have a conference on an even date of a month.

71. Who among the following had a conference on 9th October?

a) B

b) J

c) C

d) H

e) A

72. Find the odd one out.

a) D

b) I

c) J

d) E

e) G

73. Who among the following had a conference immediately after C?

a) D

b) I

c) F

d) A

e) None of the above

74. Who among the following had a conference in January month?

a) J

b) G

c) D

d) Both J and D

e) None of the above

75. How many people had a conference between B and E?

a) One

b) Two

c) Three

d) Four

e) Five

Directions : Q starts walking towards west from point A and after walking for 50 m, turns to his left and walks for another 50 m. He then turns towards his right and walks for 10 m. Q is now standing 30 m to the north of P.

76. What was the shortest distance between P and the starting point of Q?

a) 80 m

b) 64 m

c) 100 m

d) 60 m

e) 10 √61 m

77. P walks 50 m towards the east. In which direction is P with respect to point A?

a) South

b) North

c) South-east

d) West

e) South-west

Directions : Twelve people are sitting in two parallel rows and six persons in each row. J, K, L, M, N, and O sitting in row 1 and facing the south direction while R, S, T, U, V, and W sitting in row 2 and facing the north direction but not necessarily in the same order.

K sits third from one of the ends. Two persons sit between T and U. M faces V, who sits second to the right of S. J sits second to the right of the person who faces W. L, who sits immediately to the right of O, is not an immediate neighbour of K. N does not sit towards the left of M. U sits second to the left of S

78. Four of the following five are alike in a certain way and forms a group. Which of the following does not belong to the group?

a) J and O

b) W and T

c) M and K

d) U and W

e) R and W

79. What is the position of U with respect to V?

a) Second to the left

b) Third to the left

c) Fourth to the left

d) Fifth to the left

e) Sixth to the left

80. Who is seated opposite to R?

a) M

b) N

c) L

d) J

e) O

81. If the persons sitting in row 1 are arranged as per the English alphabetical order from west to east, then how many persons sit between K and the person who faces V?

a) None

b) 2

c) 3

d) 4

e) 5

82. Who among the following sits adjacent to N?

a) J

b) L

c) O

d) M

e) None of these

83. In the question given below, three statements are given followed by two conclusions. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read the conclusions and decide which of the given conclusions logically follows from the given statements disregarding the commonly known facts.
Statements:
Some Fans are Coolers.
No Coolers is Air conditioners.
All Air conditioners are Ducts.
Conclusion:
I. No Coolers are Ducts.
II. Some Air Conditioners are Fans.

a) Only I follows

b) Only II follows

c) Both follows

d) None follows

e) Either I or II follows

84. If "CARVE" is coded as "FWQBD" and "AFTER" is coded as "SFSGB" then what will be the code for "LAKES"?

a) BMJTF

b) MFJTF

c) TFJBM

d) FHTIK

e) None of the above

85. In the question given below, three statements are given followed by two conclusions. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read the conclusions and decide which of the given conclusions logically follows from the given statements disregarding the commonly known facts.
Statements:
All Paracetamol are Nicip.
Some Nicip are Aspirin.
No Aspirin is Naproxen.
Conclusion:
I. Some Paracetamol are Aspirin.
II. Some Nicip are Naproxen.

a) Only I follows

b) Only II follows

c) Both follows

d) None follows

e) Either I or II follows

86. If a meaningful word can be formed using the 3rd, 4th, 6th and 8th letters of the word 'RAVISHMENT', then what is the third letter from the left end of the word formed? If no such word can be formed, then mark X as your answer while if more than one such word can be formed, then mark Z as your answer.

a) E

b) Z

c) V

d) X

e) H

Directions : Six persons M, N, O, P, Q and R have different quantities of water with them such that they are in whole numbers only (in litres). P has a higher quantity than Q but a lower quantity than R. M has a higher quantity than P but a lower quantity than R. Q does not have the lowest quantity of water. O has a higher quantity than N but a lower quantity than M. P has a lower quantity than O. The second highest quantity of water with a person is 15 litres and the lowest quantity of water with a person is 3 litres.

87. How many persons have a higher quantity of water with them than O?

a) Three

b) One

c) Two

d) More than four

e) Four

88. Who has an immediately lower quantity of water with him than that with N?

a) Q

b) P

c) M

d) Cannot be determined

e) None of the six persons

89. If the total quantity of water with M and P is 20 litres and the total quantity of water with N and O is 15 litres, then what will be the total quantity of water with O and M?

a) 16 litres

b) 27 litres

c) 26 litres

d) 12 litres

e) 7 litres

90. Which of the following can be the possible quantity of water with O?

a) 15 litres

b) 5 litres

c) 16 litres

d) 6 litres

e) 17 litres

91. In the question given below, two statements are given followed by three conclusions. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read the conclusions and decide which of the given conclusions logically follows from the given statements disregarding the commonly known facts.
Statements:
No Tigers is Giraffe.
All Giraffe are Fish.
Conclusions:
I. Some Tigers are Fish.
II. All Fish can never be Giraffe.
III. No Tiger is Fish.

a) Both I and II follows

b) Both I and III follows

c) Either I or III follows

d) Either I or II follows

e) Either II or III follows

92. In the following question, the statements are followed by conclusions. Study the conclusions based on the given statements and select the appropriate option as your answer.
Statement:
B > P > M;
N < B > A;
N ≥ P > A
Conclusions:
I. A ≤ M
II. A > M

a) Neither I nor II follow

b) Either I or II follow

c) Both I and II follow

d) Only I follow

e) Only II follow

93. In the following question, the statements are followed by conclusions. Study the conclusions based on the given statements and select the appropriate option as your answer.
Statement:
Q < P = W > R;
P < T = E;
R < Q < E
Conclusions:
I. W < E
II. R < T

a) Only I follow

b) Both I and II follow

c) Neither I nor II follow

d) Either I or II follow

e) Only II follow

94. In the question below, a statement is followed by two conclusions based on the statement. Study the conclusions and select the correct option as the answer.
Statement:
I ≥ B ≥ J ≤ N;
O ≤ P = S;
E ≥ P = G ≤ B
Conclusions:
I. I ≥ O
II. J ≤ S

a) Only I follows

b) Only II follows

c) Both I and II follow

d) Neither I nor II follows

e) Either I or II follows

95. In the question below are given some statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.
Statements:
All covers are lips.
All trains are covers.
All vadas are trains.
Conclusions:
I. All covers are vadas.
II. All vadas are lips.

a) If only conclusion I follows.

b) If only conclusion II follows.

c) If either conclusion I or conclusion II follows.

d) If neither conclusion I nor conclusion II follows.

e) If both conclusion I and conclusion II follow.

96. In the question below are given some statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.
Statements:
Some bulbs are ties.
Some ties are slabs.
All slabs are charts.
Conclusions:
I. Some bulbs are slabs.
II. Some charts are ties.

a) If only conclusion I follows.

b) If only conclusion II follows.

c) If either conclusion I or conclusion II follows.

d) If neither conclusion I nor conclusion II follows.

e) If both conclusion I and conclusion II follow.

97. How many pairs of digits are there in the number '81346528' which have as many numbers between them as in the natural number series when counted from both sides?

a) More than three

b) Two

c) None

d) Three

e) One

Directions : There are 10 members in a family consisting of three generations. Q is the father of R. P has three children. X is the only daughter of S, who is the wife of P. U is the sister-in-law of X. W is the daughter-in-law of P. M is the brother of P. T and Q are the nephew of M. U is the mother of R. V is the only child of T. The third generation of the family does not have any female member.

98. Who among the following is the child of W?

a) P

b) V

c) S

d) R

e) None of the above

99. How is M related to S?

a) Son

b) Sister

c) Sister-in-law

d) Brother-in-law

e) Brother

100. How many male members are there in the family?

a) Four

b) Three

c) Five

d) Six

e) Seven

Answers Key (Solution & Explanation)

1 - d

2 - c

3 - a

4 - b

5 - d

6 - c

7 - a

8 - b

9 - a

10 - d

11 - a

12 - b

13 - b

14 - d

15 - c

Explanation/ Solution :-

The correct sequence is **CEABD**.

The given paragraph/passage is about 'chimera'. Among the given sentences, we can see that statement C introduces/defines 'Chimera', therefore, will be the opening sentence of the passage.

The usage of 'The term' in statement E is for 'Chimera' (introduced in sentence C). Therefore, statement E will follow C, as it provides information regarding the origin of the said term.

Statement A will follow next (will follow the pair CE), as it provides additional/more information regarding 'chimeras', stating that they are different from mosaics, and hybrids.

BD forms a pair, as sentence B talks about different known types of animal chimeras and D further talks about one of them (dispermic chimeras, which finds a mention in sentence B). The pair **BD** will follow the block **CEA** (justified above) to conclude the passage/paragraph.

Hence, the final arrangement will be **CEABD.**

16 - d

17 - a

18 - e

19 - b

20 - c

21 - a

Explanation/Solution:-

22 - c

23 - a

24 - b

25 - b

26 - d

27 - d

28 - e

29 - c

30 - a

31 - c

Explanation/Solution:-

Average of the total number of shirts, trousers and jackets sold by the shopkeepers = 540

So, total number of products sold by them = 540*3 = 1620

Number of products sold by Ribak = 0.6*1620 = 972

Number of products sold by Rasook = 1620 - 972 = 648

Number of trousers sold by both of them together = 520

Therefore, number of shirts sold by Ribak = (0.6*520) = 312

Number of shirts sold by both of them = 560

Number of jackets sold by Ribak = ((520+560)/2) - 30 = 510

Shirts sold by Rasook = (520*31)/65 = 248

Tabulating these values, we get

	Ribak	Rasook	Total
Shirts	312	248	560
Trousers			520
Jackets	510		
	972	648	1620

Total number of jackets sold by both of them together = 1620 - 560 - 520 = 540

Hence, number of jackets sold by Rasook = 540 - 510 = 30

Number of trousers sold by Ribak = 972 - 510 - 312 = 150

Number of trousers sold by Rasook = 520 - 150 = 370

Thus we get,

	Ribak	Rasook	Total
Shirts	312	248	560
Trousers	150	370	520
Jackets	510	30	540
	972	648	1620

32 - c

33 - d

34 - b

35 - c

36 - d

37 - a

38 - b

Explanation/Solution:-

From the line graph, we can tabulate the following:

Company	Number of graduates applied	Number of post-graduates applied
A	60	120
B	80	100
C	90	150
D	120	60

39 - a

40 - d

41 - c

42 - a

43 - d

44 - b

45 - d

46 - d

47 - b

48 - d

49 - c

50 - c

51 - b

52 - b

53 - a

54 - c

55 - c

Explanation/Solution:-

56 - b

57 - a

58 - b

59 - c

60 - e

61 - c

62 - c

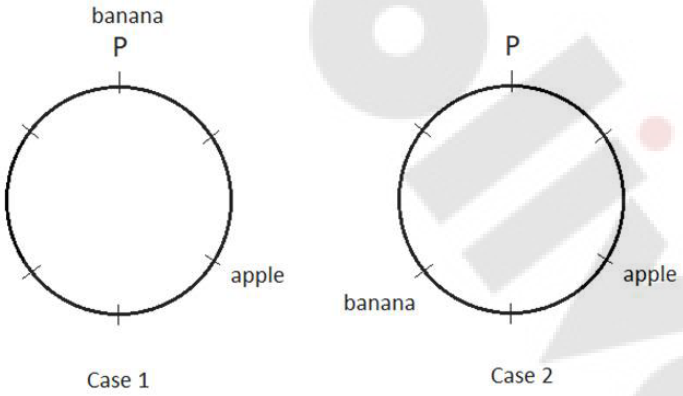
63 - d

64 - a

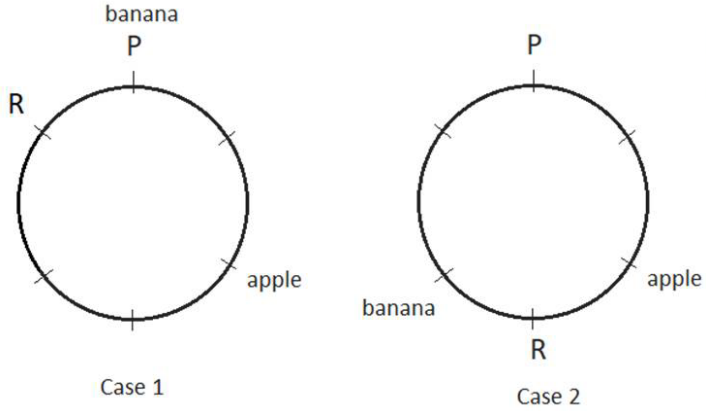
65 - d

Explanation/Solution:-

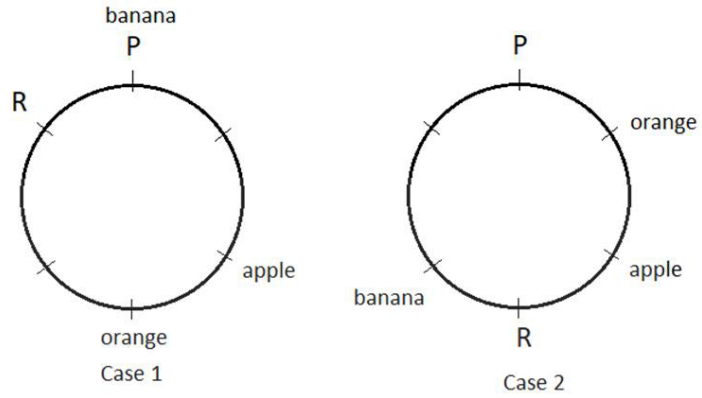
P is sitting second to the right of the one who likes apple. One person is sitting in between the one who likes apple and the one who likes banana.



R is sitting to the immediate right of the one who likes banana.

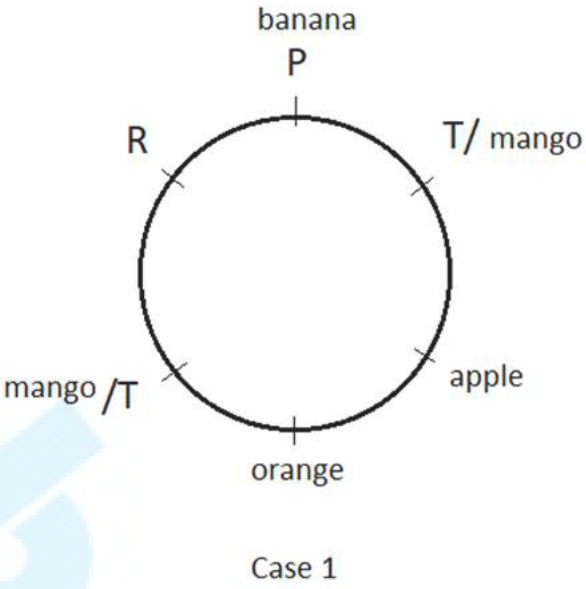


The one who likes orange is sitting second to the right of R but it is not T.

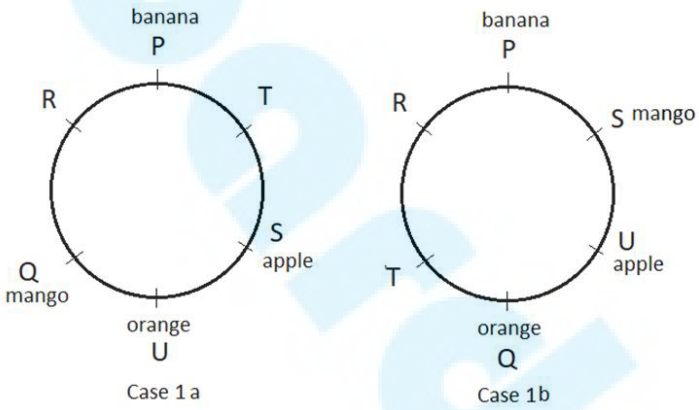


The one who likes mango is sitting third to the right of T. T does not like the apple or guava.

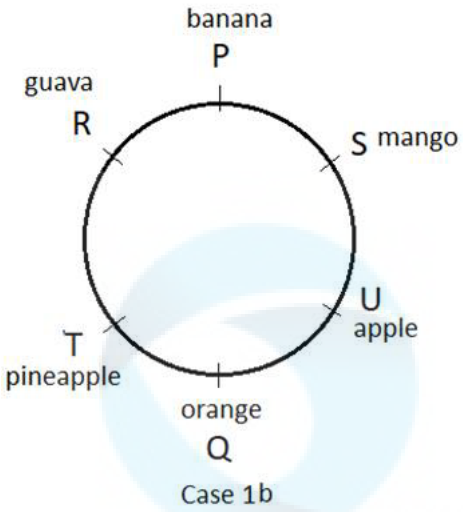
So, case 2 is invalid.



S is sitting to the immediate right of U. Q is not an immediate neighbour of S.



T does not like guava and S is not an immediate neighbour of the one who likes orange. So, case 1a is invalid.



Case 1b

66 - b

67 - d

68 - a

69 - a

70 - a

Explanation/Solution:-

· Different months i.e. January, May, August, October and December. Two conferences are there in each month on different date i.e. 9th and 30th of each month. No two persons have the conference on same date of the same month.

Date and Month	Person
January 9th	
January 30th	
May 9th	
May 30th	
August 9th	
August 30th	
October 9th	
October 30th	
December 9th	
December 30th	

· G had a conference on an even date, in one of the months after May.

· So, G can have conference on 30th August, 30th October or 30th December.

· So, there are three possible cases i.e. Case 1, Case 2 and Case 3.

Case 1:

Date and Month	Person
January 9th	
January 30th	
May 9th	
May 30th	
August 9th	
August 30th	G
October 9th	
October 30th	
December 9th	
December 30th	

Case 2:

Date and Month	Person
January 9th	
January 30th	
May 9th	
May 30th	
August 9th	
August 30th	
October 9th	
October 30th	G
December 9th	
December 30th	

Case 3:

Date and Month	Person
January 9th	
January 30th	
May 9th	
May 30th	

August 9th	
August 30th	
October 9th	
October 30th	
December 9th	
December 30th	G

· Two people had a conference between G and H.

· H had a conference before G.

Case 1:

Date and Month	Person
January 9th	
January 30th	
May 9th	H
May 30th	
August 9th	
August 30th	G
October 9th	
October 30th	
December 9th	
December 30th	

Case 2:

Date and Month	Person
January 9th	
January 30th	
May 9th	
May 30th	
August 9th	H
August 30th	
October 9th	
October 30th	G
December 9th	
December 30th	

Case 3:

Date and Month	Person
January 9th	
January 30th	
May 9th	
May 30th	
August 9th	
August 30th	
October 9th	H
October 30th	
December 9th	
December 30th	G

· I had the conference immediately before H.

· Only one person had a conference between I and D.

· D did not have a conference after H had the conference.

· So, Case 1 will be invalid.

Case 1: (INVALID)

Date and Month	Person
January 9th	
January 30th	I
May 9th	H
May 30th	
August 9th	
August 30th	G
October 9th	
October 30th	
December 9th	
December 30th	

Case 2:

Date and Month	Person
January 9th	
January 30th	D
May 9th	
May 30th	I

August 9th	H
August 30th	
October 9th	
October 30th	G
December 9th	
December 30th	

Case 3:

Date and Month	Person
January 9th	
January 30th	
May 9th	
May 30th	D
August 9th	
August 30th	I
October 9th	H
October 30th	
December 9th	
December 30th	G

· B had a conference immediately before A, but both of them had a conference in different months.

· A did not have a conference in December.

Case 2:

Date and Month	Person
January 9th	
January 30th	D
May 9th	
May 30th	I
August 9th	H
August 30th	B
October 9th	A
October 30th	G
December 9th	
December 30th	

Case 3:

Date and Month	Person
January 9th	
January 30th	B
May 9th	A
May 30th	D
August 9th	
August 30th	I
October 9th	H
October 30th	
December 9th	
December 30th	G

· C had a conference after J, but not immediately.

· F and E had a conference in same month.

· F did not have a conference on an even date of a month.

· So, Case 3 will be invalid.

Case 2:

Date and Month	Person
January 9th	J
January 30th	D
May 9th	C
May 30th	I
August 9th	H
August 30th	B
October 9th	A
October 30th	G
December 9th	F
December 30th	E

Case 3: (INVALID)

Date and Month	Person
January 9th	
January 30th	B
May 9th	A
May 30th	D

August 9th	
August 30th	I
October 9th	H
October 30th	
December 9th	
December 30th	G

Finally, we get,

Date and Month	Person
January 9th	J
January 30th	D
May 9th	C
May 30th	I
August 9th	H
August 30th	B
October 9th	A
October 30th	G
December 9th	F
December 30th	E

71 - e

72 - c

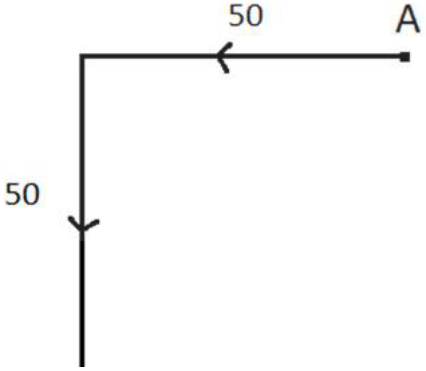
73 - b

74 - d

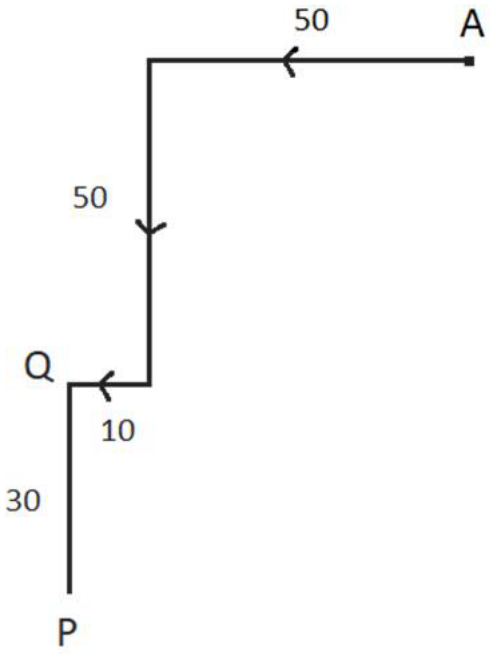
75 - c

Explanation/Solution:-

Q starts walking towards west and after walking for 50 m, turns to his left and walks for another 50 m.



He then turns towards his right and walks for 10 m. Q is now standing 30 m to the north of P.



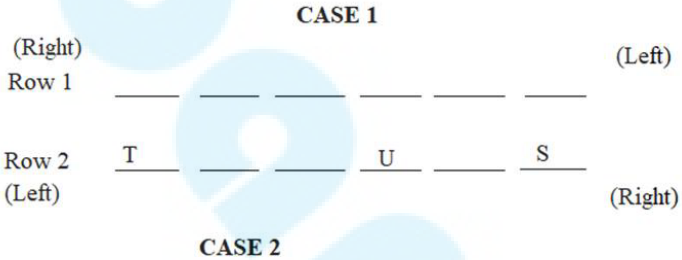
76 - c

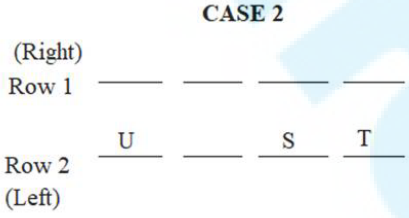
77 - e

Explanation/Solution:-

Twelve people sitting in two parallel rows and six persons in each row. J, K, L, M, N, and O sitting in row 1 and facing the south direction while R, S, T, U, V, and W sitting in row 2 and facing the north direction but not necessarily in the same order

Two persons sit between T and U. U sits second to the left of S.





M faces V, who sits second to the right of S. So, Case 1 is invalid.

CASE 2

(Right) Row 1					M		(Left)
Row 2 (Left)	U		S	T	V		(Right)

CASE 2a

(Right) Row 1						M	(Left)
Row 2 (Left)		U		S	T	V	(Right)

K sits third from one of the ends.

CASE 2

(Right) Row 1			K		M		(Left)
Row 2 (Left)	U		S	T	V		(Right)

CASE 2a

(Right) Row 1			K			M	(Left)
Row 2 (Left)		U		S	T	V	(Right)

CASE 2 b

(Right) Row 1				K	M		(Left)
Row 2 (Left)	U		S	T	V		(Right)

CASE 2c

(Right) Row 1				K		M	(Left)
Row 2 (Left)		U		S	T	V	(Right)

J sits second to the right of the person who faces W.

Hence, case 2b is invalid.

CASE 2

(Right) Row 1			K	J	M		(Left)
Row 2 (Left)	U		S	T	V	W	(Right)

CASE 2a

(Right) Row 1	J		K			M	(Left)
Row 2 (Left)		U	W	S	T	V	(Right)

CASE 2c

(Right) Row 1	J			K		M	(Left)
Row 2 (Left)		U	W	S	T	V	(Right)

L sits immediately to the right of O.

CASE 2

(Right) Row 1	L	O	K	J	M	N	(Left)
Row 2 (Left)	U	R	S	T	V	W	(Right)

CASE 2a

(Right) Row 1	J	N	K	L	O	M	(Left)
Row 2 (Left)	R	U	W	S	T	V	(Right)

CASE 2c

(Right) Row 1	J	L	O	K	N	M	(Left)
Row 2 (Left)	R	U	W	S	T	V	(Right)

L is not an immediate neighbour of K. Thus, case 2a is invalid.

CASE 2

(Right) Row 1	L	O	K	J	M	N (Left)
Row 2 (Left)	U	R	S	T	V	W (Right)

CASE 2c

(Right) Row 1	J	L	O	K	N	M (Left)
Row 2 (Left)	R	U	W	S	T	V (Right)

N does not sit towards the left of M.

Final arrangement,

(Right) Row 1	J	L	O	K	N	M (Left)
Row 2 (Left)	R	U	W	S	T	V (Right)

78 - d

79 - c

80 - d

81 - c

82 - d

83 - d

84 - c

85 - d

86 - c

Explanation/Solution:-

P has a higher quantity than Q but a lower quantity than R.

R > P > Q

M has a higher quantity than P but a lower quantity than R.

R > M > P > Q

O has a higher quantity than N but a lower quantity than M. Q does not have the lowest quantity of water. P has a lower quantity than O.

R > M > O > P > Q > N

The second highest quantity of water with a person is 15 litres and the lowest quantity of water with a person is 3 litres.

R > M (15) > O > P > Q > N (3)

87 - c

88 - e

89 - b

90 - d

91 - c

92 - b

93 - b

94 - a

95 - b

96 - b

97 - a

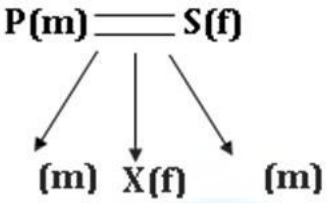
Explanation/Solution:-

· Q is the father of R.



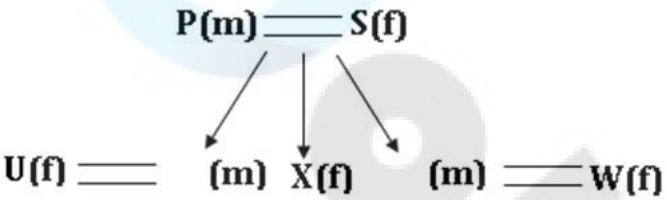
· P has three children.

· X is the only daughter of S, who is the wife of P.



· U is the sister-in-law of X.

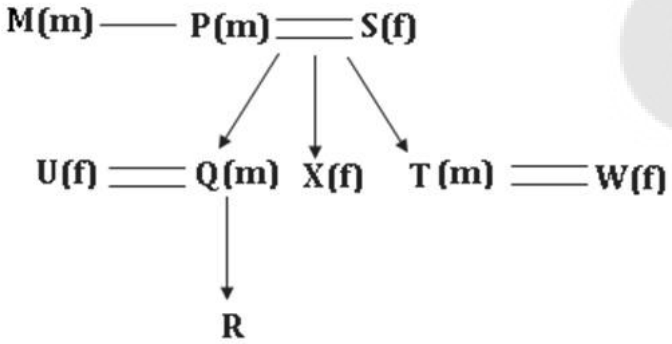
· W is the daughter-in-law of P.



· M is the brother of P.

· T and Q are the nephews of M.

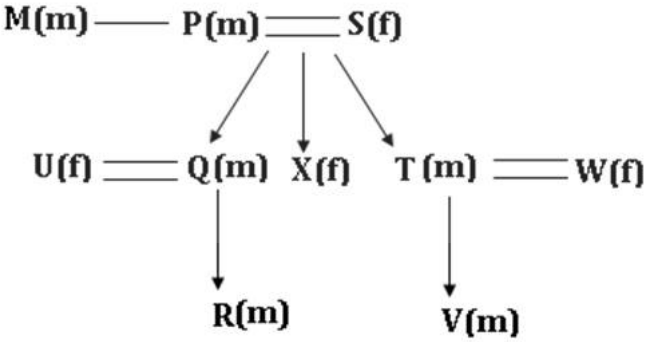
· U is the mother of R.



· V is the only child of T.

· The third generation of the family does not have any female member.

· So, V and R are the male members of the family.



98 - b

99 - d

100 - d

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