Direction (1-5): Study the following information carefully and answer the questions given below:

Eight persons i.e. A, O, H, X, E, Y, G and M, sits around a circular table but not necessarily in same order. All are facing towards the center.

There are two persons sit between G and H. M sits immediate right of G. Three persons sit between O and Y. E sits second to the right f H. A sits third to the right of X and immediate right of Y.

Q1. How many persons sit between G and X?
(a) One
(b) Three
(c) None
(d) Two
(e) None of these

Q2. Who among the following person sits immediate right of O?
(a) A
(b) X
(c) G
(d) H
(e) None of these

Q3. Who among the following person sits immediate left of X?
(a) H
(b) E
(c) Y
(d) M
(e) None of these

Q4. Who among the following person sits opposite to H?
(a) G
(b) M
(c) X
(d) O
(e) None of these

Q5. Which of the following statement is true?
(a) Three persons sit between X and G
(b) G sits immediately right of A
(c) E sits third to the right of O
(d) E sits immediate left of Y
(e) All are true

Directions (6-10): In each of the questions below. Some statements are given followed by conclusions/group of conclusions numbered I and II. You have to assume all the statements to be true even if they seem to be at variance from the commonly known facts and then decide which of the given two conclusions logically follows from the information given in the statements.

Q6. Statements: Only a few Mango are Banana
All Banana are Litchi.
Conclusions: I. Some Mango are Litchi.
II. Some Banana are not Mango.
(a) If only conclusion II follows
(b) If neither I nor II follows
(c) If both I and II follow
(d) If only conclusion I follows
(e) If either I or II follows

Q7. Statements: Only a few cups are plates
Only a few plates are bottels.
Conclusions: I. All bottles are cup.
II. All plates can be cup.
(a) If only conclusion II follows
(b) If neither I nor II follows
(c) If both I and II follow
(d) If only conclusion I follows
(e) If either I or II follows

Q8. Statements: All memory are laptops
All laptops are hard disk
Only a few hard disks are copy
Conclusions: I. All copy is memory.
II. Some hard disks are not copy.
(a) If only conclusion II follows
(b) If neither I nor II follows
(c) If both I and II follow
(d) If only conclusion I follows
(e) If either I or II follows

Q9. Statements: Some guns are bullet
All bullets are rifle
Some riffle is piston.
Conclusions: I. Some bullet can be piston
II. Some guns are rifle.
(a) If only conclusion II follows
(b) If neither I nor II follows
(c) If both I and II follow
(d) If either I or II follows
(e) If only conclusion I follows

Q10. Statements: Some centers are venues

All centers are laboratory

No laboratory is place.

Conclusions: I. Some venues are not places.

II. No places are centers.

(a) If only conclusion II follows

(b) If neither I nor II follows

(c) If both I and II follow

(d) If either I or II follows

(e) If only conclusion I follows

Q11. How many letters in the word 'Reaction' are there in the above arrangement which has as many as letters in between them as according to alphabetical series?

(a) Three

(b) More than three

(c) One

(d) Two

(e) None of these

Direction (12-16): Study the following information carefully and answer the questions given below:

Seven persons A, B, C, D, E, F, G are sitting in a row facing north direction. All of them are of different age 9, 11, 13, 15, 18, 19, 25 but not necessarily in the same order. F sits at one of the extreme ends. Only two persons sit between F and E. The age of G is in multiple of 3. C sits second to the left of A. The age of F is a perfect square while the age of E is a prime number. D sits second to the right of A. G is not an immediate neighbour of D. B does not sit to the right of F and his age is multiple of 5. The age of D is half of the age of G. C is the second youngest while A is younger than E.

Q12. Who sits second to the right of D?

(a) A

(b) G

(c) F

(d) E

(e) None of these

Q13. How many persons sits between the person whose age is 13yr and B?

(a) Four

(b) Two

(c) Three

(d) One

(e) None of these

Q14. Who among the following person is 19yr old?
(a) F
(b) D
(c) C
(d) E
(e) None of these

Q15. If G is related to 13yr in the same way as A is related to 19yr, then which of the following is B related to, following the same pattern?
(a) 19yr
(b) 17yr
(c) 25yr
(d) 11yr
(e) None of these

Q16. What is the age difference of E's immediate neighbours?
(a) Three
(b) Four
(c) Five
(d) Six
(e) None of these

Directions (17-21): These questions are based on the following five numbers:
451 685 254 723 132

Q17. If we arranged all numbers in descending order from left then, the position of how many numbers are remain unchanged?
(a) One
(b) None
(c) Three
(d) Two
(e) More than three

Q18. If we interchanged 1st and 3rd digit of each number then, how many numbers become even?
(a) None
(b) Three
(c) Two
(d) One
(e) More than three

Q19. If we interchanged 1st and 2nd digit of each number then, which of the following number becomes 3rd highest number?
(a) 451
(b) 685
(c) 254
(d) 723
(e) 132

Q20. If we interchanged 2nd and 3rd digit of each number, then how many numbers become odd?
(a) One
(b) None
(c) Two
(d) Three
(e) More than three

Q21. What is the total sum of 3rd digit of 2nd number from left and 2nd digit of 3rd number from right?
(a) 10
(b) 8
(c) 9
(d) 11
(e) None of these

Direction (22-26): Study the following information carefully and answers the questions given below:
In a certain code language:
"Today is our market" is coded as "nx hv cp kj"
"Can they go market" is coded as "cn vk lm cp"
"Is india our country" is coded as "py hv nt kj"
"Our india go happy" is coded as "kj nt tj vk"

Q22. Which of the following is the code of "Happy"?
(a) tj
(b) nx
(c) hv
(d) py
(e) cp

Q23. Which of the following can be the code of "Our Nation"?
(a) kj vk
(b) mi kj
(c) py hv
(d) kj cp
(e) tj vk

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Q24. If "You can today" is coded as "po nx lm" then which of the following is coded as "They is you"?
(a) po hv lm
(b) cn po lm
(c) hv lm ky
(d) cn hv po
(e) po cp kj

Q25. Which of the following is the code of "India is our market"?
(a) nt kj vk cp
(b) nt hv kj cp
(c) hv cp tj cn
(d) nx cp vk kj
(e) py tj cp kj

Q26. Which of the following is the code of "They happy"?
(a) lm tj
(b) hv lm
(c) cn tj
(d) cp vk
(e) Either (a) or (c)

Q27. If '÷' means '+', '+' means '−', '−' means '×' and '×' means '÷', then 15 − 24 × 12 ÷ 6 + 4 =?
(a) 19
(b) 32
(c) 25
(d) 28
(e) None of these

Direction (28-30): Study the following information carefully and answer the questions given below:

There are five family members, namely B, D, L, K and M living in which two are married couple. L is the son in law of D. M is the sister of K. B is the mother of K. L is not the husband of M.

Q28. What is the relation of B with respect to L?
(a) Mother
(b) Daughter
(c) Mother in law
(d) Sister
(e) None of these

Q29. If T is the husband of M, then find the relation of K with respect to T?
(a) Mother
(b) Sister in law
(c) Aunt
(d) Sister
(e) None of these

Q30. How many female members are in the family?
(a) Three
(b) Two
(c) Four
(d) Either (a) or (b)
(e) None of these

Direction (31-35): Study the following information carefully and answer the questions given below:

Eight persons i.e. A, B, C, D, P, Q, R and S are getting their salaries in eight different months i.e. March, April, May, June, July, August, September and October. All information is not necessarily in same order.
A gets his salary in the month which have 31 days but after July. Two persons get salary between A and R. C gets his salary immediate before D and in the month, which have 30 days. There are as many persons get salary between Q and B as between B and P. S gets his salary immediate before Q.

Q31. Who among the following person gets his salary immediate after R?
(a) B
(b) C
(c) P
(d) S
(e) None of these

Q32. How many persons are getting salary between B and Q?
(a) Two
(b) One
(c) three
(d) More than three
(e) None

Q33. In which of the following month D gets his salary?
(a) March
 (b) April
(c) May
(d) June
(e) None of these

Q34. Who among the following person gets his salary in August?
(a) B
(b) D
(c) P
(d) Q
(e) None of these

Q35. Four of the following five are alike in certain way based from a group, find the one which does not belong to that group?
(a) P-D
(b) P-B
(c) B-C
(d) R-Q
(e) A-S

Directions (36-45): What value should come in place of (?) in the following questions?

Q36. $\sqrt{12.25} \times 18 - (?)^2 = (6)^2 + \sqrt{4}$
(a) 7
(b) 6
(c) 5
(d) 4
(e) 3

Q37. $(1250 + 1725) \div (825 + 365) = ?$
(a) 1.5
(b) 2.5
(c) 1
(d) 2.25
(e) 2.75

Q38. $\sqrt{625} \div \sqrt{16} \times 6 = ?\%$ of 300
(a) 15
(b) 12.5
(c) 17.5
(d) 10
(e) 8.5

Q39. $26 \times 15 + 310 - (15)^2 = 25\%$ of ?
(a) 1600
(b) 1800
(c) 1900
(d) 1500
(e) 1700

Q40. $\sqrt{81} \times \sqrt{625} + 1225 = (?)^2 - 150$
(a) 50
(b) 45
(c) 35
(d) 30
(e) 40

Q41. $4900 \div 28 \times 444 \div 12 - 6450 = (?)^2$

(a) 6

(b) 7

(c) 5

(d) 4

(e) 8

Q42. 38% of $250 - 85\%$ of $560 + 13 \times ?= 61$

(a) 34

(b) 26

(c) 12

(d) 28

(e) 32

Q43. $2\frac{1}{9} \times 1\frac{2}{19} \div 2\frac{1}{3} - \frac{1}{2} = ? - 1\frac{1}{2}$

(a) $\frac{5}{2}$

(b) 4

(c) $\frac{3}{2}$

(d) $\frac{1}{2}$

(e) 2

Q44. $\sqrt{?} \times 12 - 26\%$ of $1650 + 19 = 13 \times 34$

(a) 4900

(b) 5041

(c) 5329

(d) 5476

(e) 5625

Q45. $575 \times 24 \div 8 - (5)^3 = (?)^2$

(a) 40

(b) 45

(c) 50

(d) 55

(e) 35

Q46. Selling price of an article after a discount of 25% is Rs 450. If cost price is Rs 320 then marked price is what percent more than cost price of article?

(a) 92.5%

(b) None of these

(c) 74.5%

(d) 87.5%

(e) 83.5%

Q47. Sum of two digits of a two digit number is 11. When digits of the number are reversed then number formed is 45 more than the original number. Find the original number?
(a) 65
(b) 56
(c) 83
(d) None of these
(e) 38

Q48. A alone work for 6 days then left the work and B alone finishes remaining work in 12 days. If ratio of time taken by A alone to B alone to finish work is 3 : 2. Find time taken by B alone to do the work?
(a) 12 days
(b) 16 days
(c) 24 days
(d) None of these
(e) 18 days

Q49. Average of present age of A and C is 29 years and C is 8 years younger than B. Ratio of present age of A to present age of B is 6:5. Find present age of B?
(a) 32 years
(b) 36 years
(c) 28 years
(d) 30 years
(e) 16 years

Q50. Ratio of distance covered by boat in upstream to downstream is 4:3. Time taken in downstream and upstream is 2hr and 4 hr respectively. If speed of boat in still water is 15 Km/hr then find speed of stream?
(a) None of these
(b) 2km/hr
(c) 3km/hr
(d) 5km/hr
(e) 6 km/hr

Directions (51-55): What will come in place of (?) in the following questions?

Q51. 800 , 544 , 416 , 352 , ? , 304
(a) 324
(b) 320
(c) 308
(d) 300
(e) 328

Q52. 11 , 12.1 , 14.3 , 17.6 , 22 , ?
(a) None of these
(b) 32.4
(c) 27.5
(d) 24.5
(e) 27.6

Q53. 12 , 11 , 21 , 62 , ? , 1234
(a) 347
(b) 247
(c) 251
(d) 281
(e) 321

Q54. 16 , 9 , 11, 26 , ? , 912
(a) 82
(b) 112
(c) 92
(d)96
(e) 102

Q55.48, 24, 72, 18, 90, ?
(a) 9
(b) 12
(c) 21
(d) 18
(e) 15

Directions (56-60): Study the paragraph and answer the questions based on it.

In 2017 there are total 840 people **(male + female)** in a village. There are two type of people who eats veg and another who eats non-veg. 120 male eats veg which is 30% of total male **(veg + non-veg)** population. Difference between no. of male and female who eats non-veg is 180.
No one eats both **(veg + non-veg).**

Q56. No. of male who eats veg are how much percent more/less than no. of female who eats non-veg?
(a) 20%
(b) 25%
(c) 15%
(d) 10%
(e) None of these.

Q57. What is the average of no. of male who eats non-veg and no. of female who eats veg?
(a) 260
(b) 245
(c) 310
(d) 210
(e) 225

Q58. What is the difference between no. of people who eats veg(male+female) and non-veg (male + female)?
(a) 100
(b) 90
(c) 60
(d) 80
(e) 120

Q59. If in 2018 no. of female who eats non-veg reduces by 20%, find no. female who eats veg in 2018 (consider total no. of female remained constant)?
(a) 360
(b) 340
(c) 350
(d) 370
(e) None of these.

Q60. What is ratio between total no. of people who eats non-veg to total no. of female who eats veg?
(a) 17:9
(b) 17:19
(c) 9:17
(d) 19:17
(e) 11:13

Q61. A mixture contains wine and water in the ratio 5 : 1. On adding 5 litre of water, the ratio of wine to water becomes 5 : 2. The quantity of wine in the mixture is ?
(a) 20 l
(b) 22 l
(c) 24 l
(d) 26 l
(e) 25 l

Q62. Difference between CI and SI on a sum for 3 year at 20% p.a. is 176, Find the simple interest on the sum after 2 year at 10% p.a.?
(a) 225
(b) 250
(c) 275
(d) 300
(e) 350

Q63. A, B and C started a business together with Rs 12,000, Rs 12,000 and Rs 8,000 respectively. B worked only for 'x' months while C left the business 'x' month before the completion of year. If out of annual profit of Rs 3200, 'A' got Rs 1800, then find the value of 'x'.

(a) 2
(b) 8
(c) 6
(d) 4
(e) 5

Q64. Pipe A and Pipe B can fill a cistern together in 18 minutes. Pipe B is 50% more efficient than pipe A. Find the capacity of cistern, if it is given that pipe 'A' fills the cistern at speed of 6 litre/minute.

(a) 150 l
(b) 225 l
(c) 240 l
(d) 180 l
(e) 270 l

Q65. Three natural numbers are given. If sum of average of any two numbers and the remaining third number is 56, 46 and 50 respectively, then find the sum of given three numbers.

(a) 70
(b) 72
(c) 74
(d) 76
(e) 78

Directions (66-70) Table given below gives information about no. of article sold by four different people (A, B, C and D) in four different months (March, April, May and June)

Person/month	March	April	May	June
A	153	121	90	92
B	102	85	140	117
C	80	124	118	51
D	90	113	112	85

Q66. No. of article sold by person A in May month are what percent of total no. of article sold by person D in all months?

(a) 20%
(b) 12.5%
(c) 22.5%
(d) 37.8%
(e) 28.28%

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Q67. What is the ratio of no. of article sold by person A and C in April together to no. of article sold by person B in May month?
(a) 7:4
(b) 2:7
(c) 7:11
(d) 5:11
(e) None of these.

Q68.What is the difference between average no. of article sold by person B and person D in all four months?
(a) 21
(b) 19
(c) 24
(d) 18
(e) 11

Q69. Total no. of article sold by A and B together in June are how much more or less than total no. of article sold by C and D together in April month?
(a) 32
(b) 39
(c) 33
(d) 28
(e) 22

Q70. No. of article sold by C in June are how much percent more/less than no. of article sold by B in April?
(a) 40% more
(b) 66.67% less
(c) 66.67% more
(d) 40% less
(e) 20% less

Direction (71-78): Read the following passage carefully and answer the questions given below it. Certain words! phrases have been printed in bold to help you locate them while answering some of the questions.

Sheela and Jairam were a poor old couple. Their only **possession** was one cow. Once, Jairam fell very sick. Soon all their money was used up in buying medicines and they realised that they would have to sell their cow in order to bear the rest of the expenses. Sheela decided to go to the market and sell the cow. She set off, leading the cow by a rope. On the way, she met four young men. They were the local bullies who enjoyed **teasing** and tormenting old people. When they saw old Sheela with her cow, they decided to play a trick. One of them sneaked up behind her, untied the cow and tied a goat in its place. Sheela had been walking immersed in thought, worried about Jairam Suddenly she heard a goat bleat behind her. She turned around

and was surprised to see that her cow had vanished. She was leading a goat to the market. The four bullies came up to her and said, "There is magic in the air these days. See, it turned your cow into a goat." Poor Sheela walked on with the goat. After a little while, the boys untied the goat and tied a rooster in its place. The rooster crowed and Sheela was surprised again. The goat had turned into a rooster ! The four bullies shouted, "Magic in the air, Grandma." She resumed walking with the rooster in tow. After a few minutes the boys crept up again, untied the rooster and tied a log of wood in its place. A few moments later Sheela realised that she was dragging a log of wood with a rope. Again, the bullies shouted, "Magic in the air, Grandma." After a few minutes, the boys untied the log of wood too and ran away with it. When Sheela finally reached the market, she found that she had nothing but a rope in her hand. She came back home dejected as she had lost the cow. She told Jairam the whole story. He immediately understood what had happened. "Make chapatti, vegetable and kheer for lunch tomorrow," he said. "Cook for atleast four people. I will come home with some guests. As soon as they come you must say, 'I cooked what the rabbit told me. Come, eat your lunch.' Leave everything else to me," Jairam reassured her. The next morning Jairam went and borrowed two identical rabbits from a friend. He left one at home, tied the other one with a string and started walking towards the market with it. On the way he too met the four bullies. 'Hey Grandfather they yelled, "Your wife's cow vanished yesterday. Where are you taking this rabbit now ?" Jairam sighed sadly and said, "This rabbit is like my son. It obeys everything I say. But now I am sick and we need money, so I am going to sell it in the market." The four bullies were surprised when they heard this. "Does it really understand what you say, Grandfather ?" they asked. Jairam replied, "Of course it does. Here, watch me." Jairam turned towards the rabbit and said, 'Hop home and tell Sheela to make chapattis, vegetable and kheer for four people." Then he untied the string _____(A)_____. He turned towards the four boys and said, "Come home and have lunch with me." When they reached his house his wife welcomed them and said, "I cooked what the rabbit asked me to cook. Come, eat your lunch.' She served the chapattis, vegetable and kheer to all of them. The four bullies were stunned when they saw the rabbit sitting in the corner. They told Jairam, "We will buy your rabbit." Jairam pretended to think and said, "It is very precious to me." The four bullies immediately offered him a higher price. Jairam showed some reluctance. The moment he agreed to sell the rabbit they paid him the money and left with the rabbit immediately. The four bullies decided to test the rabbit's abilities. They had been blackmailing a landlord for money. So they told the rabbit, "Go and tell the landlord to bring us the money within ten minutes." The rabbit hopped off. They waited for an hour but the landlord did not come with the money. They marched to his house and yelled, "Give us the money and our rabbit." The landlord had been waiting for a chance to teach these bullies a lesson. He ordered his strongest bodyguard to give them a good thrashing. Bleeding and bruised they went back to Jairam's house and said, "You fooled us. Return our money at once." Jairam simply smiled and said, 'The money has disappeared! There is magic in the air."

Q71. Why did Sheela and Jairam decide to sell the cow?
(a) They had spent all their money on Jairam's sickness and needed more money
(b) Sheela wanted to buy a rooster and they needed money for that
(c) They were fed up of the four bullies and wanted to teach them a lesson
(d) They wanted to invite the four bullies for lunch and needed money for buying the ingredients
(e) They owed money to the landlord

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Q72. Why was Jairam reluctant to sell the rabbit?
(a) He only pretended to be reluctant in order to fool the bullies
(b) He was fond of the rabbit and did not want to sell it to the bullies
(c) He wanted to gift the rabbits to the Landlord
(d) He knew that the bullies would not take good care of the rabbit
(e) Ho wanted to sell the rabbit in the market and got a better price for it

Q73. Which of the following maybe an appropriate title to the passage?
(a) Magic in the air
(b) Never steal a cow
(c) The strongest bodyguard
(d) The smart bullies
(e) The obedient rabbit

Q74. What did Sheela do after reaching the market empty handed'
(a) Determined to earn money, she managed to sell the rope that she was left with.
(b) She returned home and narrated the whole incident to her husband
(c) She bought two rabbits and devised a plan to get back at the bullies
(d) She went to the landlord and complained about the bullies
(e) She went home and cooked lunch for her husband and herself

Q75. Which of the following phrases can fill in the blank (A) to make a contextually meaningful and grammatically correct sentence?
(a) only came out for food when he was sure that the tiger was asleep
(b) and lived in a burrow beneath the ground
(c) and picked up a box of fur dye and went home to perform the instructions
(d) often voiced these thoughts to other rabbits
(e) and let the rabbit hop away

Q76. Why were the four bullies surprised when they were talking to Jairam?
(a) They knew that Jairam was sick and had not expected to see him
(b) They had not expected Jairam to invite them for lunch
(c) They could not believe that the rabbit could understand and obey Jairam
(d) They know that Jairam did not own a rabbit and were surprised to see him with one
(e) They could not believe that Jairam knew the rabbit's language

Direction (77-78): Choose the word / group of words which is most similar in the meaning to the word / group of words printed in bold as used in the passage.

Q77. TEASING
(a) Mocking
(b) Destroying
(c) Shouting
(d) Warning
(e) Rejection

Q78. POSSESSION
(a) Control
(b) Power
(c) Custody
(d) Expropriate
(e) Belonging

Directions (79-86): Read each sentence to find out whether there is any grammatical or idiomatic error in it. The error, if any, will be in one part of the sentence. The number of that part is the answer. If there is 'No error', the answer is (e). (Ignore errors of punctuation, if any.)

Q79. Trying to make sense (a)/ of the sudden clash of ideas (b)/ is hard to do in (c)/ the maelstrom of Indian politics. (d)/ No error. (e)

Q80. The policeman asked the man (a)/ if the purse he had lost (b)/ contain five (c)/ thousand rupees (d)/ No error (e)

Q81. One of my friend (a)/ is both a novelist (b)/ and a poet (c)/ of repute (d)/ No error. (e)

Q82. No sooner he left the office (a)/ than it started (b)/ raining heavily (c)/ to make him completely wet. (d)/ No error. (e)

Q83. I am accustomed with (a) / hard work and (b) / I generally do not (c) / get tired easily. (d) / No Error (e)

Q84. When I receive (a)/ the letter, the date (b)/ for the interview (c)/ was already over. (d)/ No error. (e)

Q85. I promise (a) / to teach you (b) / everything you (c) / need to know. (d) / No Error (e)

Q86. River water pollution (a)/ is often (b)/ indicate by(c) /algae distribution (d)/ No error (e)

Directions (87–91): Rearrange the following six sentences (A), (B), (C), (D), (E) and (F) in the proper sequence to form a meaningful paragraph; then answer the questions given below them.
(A) He immediately acknowledged Mohan's good work and invited him to his home for dinner.
(B) One day a wealthy merchant sent his son's bicycle to the shop for repair.
(C) The next day the merchant came to claim the bicycle and noticed that it was shiny.
(D) After repairing the bicycle, Mohan cleaned it up and made it look new.
(E) Once upon a time, there was a boy named Mohan who worked as an apprentice in a bicycle shop.
(F) Other apprentices in the shop laughed at Mohan for doing unnecessary work.

Q87. Which of the following should be the SECOND sentence after rearrangement ?
(a) A
(b) B
(c) C
(d) D
(e) E

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Q88. Which of the following should be the THIRD sentence after rearrangement ?

(a) A

(b) B

(c) C

(d) D

(e) E

Q89. Which of the following should be the FIRST sentence after rearrangement ?

(a) A

(b) B

(c) C

(d) D

(e) E

Q90. Which of the following should be the LAST (SIXTH) sentence after rearrangement ?

(a) A

(b) B

(c) C

(d) D

(e) F

Q91. Which of the following should be the FOURTH sentence after rearrangement ?

(a) A

(b) B

(c) C

(d) D

(e) F

Directions (92-96): Each question below has one blank, which is indicating that something has been omitted. Find out which option can be used to fill up the blank in the sentence in the same sequence to make it meaningfully complete.

Q92. The witness _____ the victim's account in the court of law.

(a) dragged

(b) kidnapped

(c) deleted

(d) confirmed

(e) developed

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Q93. You will need to drain the central heating system before you _____ the radiator.
(a) Replace
(b) Refund
(c) Drains
(d) Disappeared
(e) Hampers

Q94. He may follow any road his mind wishes to follow or _____ to the teachings of any guide or guru.
(a) adhere
(b) kindle
(c) jolt
(d) instigate
(e) haggle

Q95. If someone _____ you, they draw attention away from you by being more attractive or interesting.
(a) execute
(b) arrange
(c) originate
(d) upstage
(e) controlled

Q96. Although I have been taking medicine for two weeks, I still cannot get rid of this _____ cough.
(a) abjure
(b) brittle
(c) persistent
(d) amplify
(e) ancillary

Direction (97-100): The following questions consist of a sentence. Three words of the sentences are marked in bold, who may or may not be correctly spelled or can be grammatically incorrect. Choose the option which gives the word which is incorrectly spelled or makes the sentence grammatically incorrect. If there is no misspelled or grammatically incorrect word in the sentence then choose **(e), i.e., 'No correction required'** as your answer. If there is an error in the sentence apart from the given bold words then choose **option (d), i.e., none of these.**

Q97. Google has **announced** that it would stop providing its Android **software** to Huawei, the Chinese **telicom** company
(a) announced
(b) software
(c) telicom
(d) None of these
(e) No correction required.

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Q98. India is **better** than most **others** cricket playing **countries** of the world.
(a) better
(b) others
(c) countries
(d) None of these
(e) No correction required.

Q99. For the new finance minister, the **immediate** challenge is to **revitalize** the slowing down **economic** growth rate
(a) immediate
(b) revitalize
(c) economic
(d) None of these
(e) No correction required.

Q100. Consumers can **boycot** retail **establishments** that have poor safety records or that clearly lack **safeguards** to prevent violence.
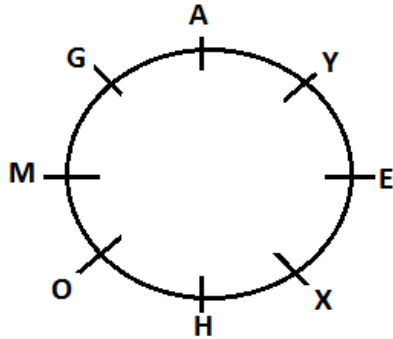(a) boycot
(b) establishments
(c) safeguards
(d) None of these
(e) No correction required.

Solutions (1-5):

S1. Ans.(b)
S2. Ans.(d)
S3. Ans.(a)
S4. Ans.(e)
S5. Ans.(e)

S6. Ans.(d)
Sol.

S7. Ans.(a)
Sol.

S8. Ans.(b)
Sol.
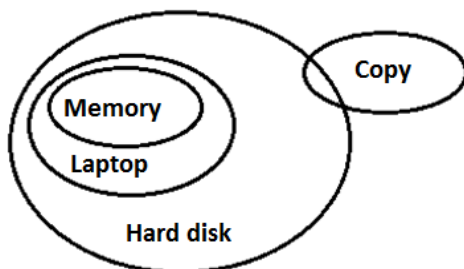
1

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S9. Ans.(c)
Sol.

S10. Ans.(c)
Sol.

S11. Ans.(a)
Sol.

18 5   1   3 20 9 15 14
R   e   a   c   t   i   o   n

Solutions (12-16):

C	G	A	E	D	B	F
11	18	13	19	9	15	25
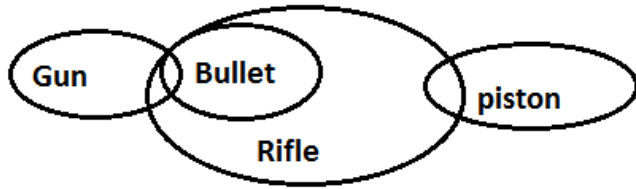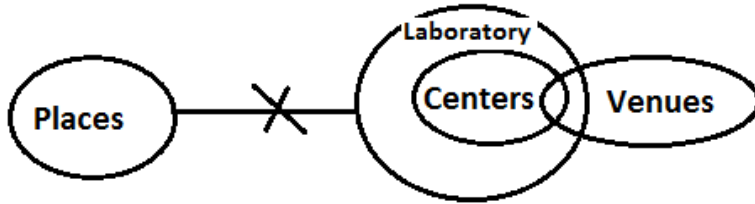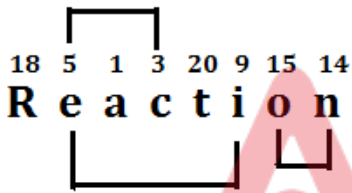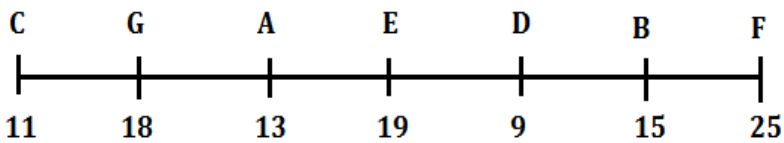
S12. Ans.(c)
S13. Ans.(b)
S14. Ans.(d)
S15. Ans.(c)
S16. Ans.(b)

S17. Ans.(d)
S18. Ans.(b)
S19. Ans.(c)
S20. Ans.(d)
S21. Ans.(a)

Solutions (22-26):

Word	Code
Our	Kj
Go	Vk
Market	Cp
India	Nt
Is	Hv
Today	Nx
Can/They	Lm/Cn
Country	Py
Happy	Tj

S22. Ans.(a)
S23. Ans.(b)
S24. Ans.(d)
S25. Ans.(b)
S26. Ans.(e)

S27. Ans.(b)

S28. Ans.(c)
Sol.
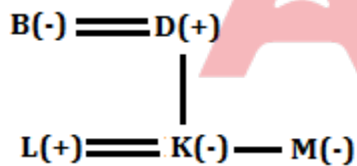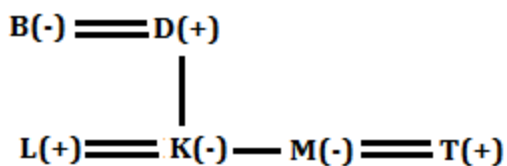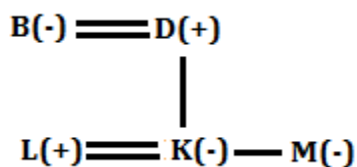
B(-) ═══ D(+)
         │
L(+) ═══ K(-) ── M(-)

S29. Ans.(b)
Sol.

B(-) ═══ D(+)
         │
L(+) ═══ K(-) ── M(-) ═══ T(+)

S30. Ans.(a)
Sol.

B(-) ═══ D(+)
         │
L(+) ═══ K(-) ── M(-)

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Solutions (31-35):

Months	Persons
March	P
April	C
May	D
June	B
July	R
August	S
September	Q
October	A

S31. Ans.(d)

S32. Ans.(a)

S33. Ans.(c)

S34. Ans.(e)

S35. Ans.(b)

S36. Ans.(c)
Sol.
$3.5 \times 18 - (?)^2 = 36 + 2$
$63 - 38 = (?)^2$
$25 = (?)^2$
$? = 5$

S37. Ans.(b)
Sol.
$? = \frac{2975}{1190}$
$? = 2.5$

S38. Ans.(b)
Sol.
$\frac{25 \div 4 \times 6}{3} = ?$
$? = 12.5$

S39. Ans.(c)
Sol.
$(390 + 310 - 225) 4 = ?$
$(700 - 225) 4 = ?$
$475 \times 4 = ?$
$? = 1900$

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S40. Ans.(e)

Sol.

$9 \times 25 + 1225 + 150 = (?)^2$

$225 + 1225 + 150 = (?)^2$

$? = \sqrt{1600}$

$? = 40$

S41. Ans.(c)

Sol.

$4900 \times \frac{1}{28} \times 444 \times \frac{1}{12} - 6450 = (?)^2$

$\Rightarrow 6475 - 6450 = (?)^2$

$\Rightarrow \sqrt{25} = ?$

$\Rightarrow ? = 5$

S42. Ans.(a)

Sol.

$\frac{38}{100} \times 250 - \frac{85}{100} \times 560 + 13 \times ? = 61$

$\Rightarrow 95 - 476 + 13 \times ? = 61$

$\Rightarrow 13 \times ? = 61 + 381$

$\Rightarrow ? = 34$

S43. Ans.(e)

Sol.

$\frac{19}{9} \times \frac{21}{19} \times \frac{3}{7} - \frac{1}{2} = ? - \frac{3}{2}$

$1 - \frac{1}{2} = ? - \frac{3}{2}$

$? = 2$

S44. Ans.(b)

Sol.

$12\sqrt{?} - \frac{26}{100} \times 1650 + 19 = 13 \times 34$

$12\sqrt{?} - 429 + 19 = 442$

$12\sqrt{?} = 871 - 19$

$\sqrt{?} = \frac{852}{12} = 71$

$? = 5041$

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S45. Ans.(a)

Sol.

$$575 \times \frac{24}{8} - 125 = (?)^2$$

$$1725 - 125 = (?)^2$$

$$1600 = (?)^2$$

$$? = 40$$

S46. Ans.(d)

Sol. Marked price = $\frac{450}{75} \times 100 = 600$

Required percentage = $\frac{600-320}{320} \times 100 = 87.5\%$

S47. Ans.(e)

Sol. Let the number be 10x+y

ATQ,

10y + x – 10x-y = 45

y – x = 5 ………….(i)

x + y = 11 ………(ii)

solving (i) and (ii) , we get

x= 3 and y = 8

Therefore number = 38

S48. Ans.(b)

Sol. Let A alone and B alone finishes the work in 3x and 2x respectively

ATQ,

$$\frac{6}{3x} + \frac{12}{2x} = 1$$

x = 8

Therefore, B alone can do the work in 16 days

S49. Ans.(d)

Sol. Total age of A and C together = 58 years

Let present age of A and B be 6x and 5x years respectively

Therefore, present age of C = 5x-8

ATQ,

5x-8 + 6x = 58

x= 6

present age of B = 5 ×6 = 30 years

S50. Ans.(c)
Sol. Let distance covered by boat in upstream and downstream be 4x and 3x km respectively
And speed of stream be y km/hr
ATQ,
$$\frac{4x}{15-y} = 4$$
4x + 4y = 60 ....(i)
$$\frac{3x}{15+y} = 2$$
3x – 2y = 30 ....(ii)
Solving (i) and (ii), we get
x= 12 ,y = 3 km/hr
Speed of stream = 3km/hr

S51. Ans.(b)
Sol. 800 – 256 = 544,
544 -128 = 416,
416 – 64 = 352,
352 – 32 = 320,
320 – 16 = 304

S52. Ans.(c)
Sol. 11 + 1.1 = 12.1,
12.1+ 2.2 = 14.3,
14.3+ 3.3 = 17.6,
17.6+4.4 = 22,
22 + 5.5 =27.5

S53. Ans.(b)
Sol. 12×1 -1 = 11,
11×2 -1 = 21,
21×3 -1 = 62,
62×4 -1 = 247,
247×5 -1 = 1234,

S54. Ans.(b)
Sol. 16×0.5+ 1 = 9,
9×1+ 2 = 11,
11×2+ 4 = 26,
26×4+ 8 = 112,
112×8+ 16 = 912

S55. Ans.(e)
Sol.

48		24		72		18		90		15
	÷2		×3		÷4		×5		÷6	
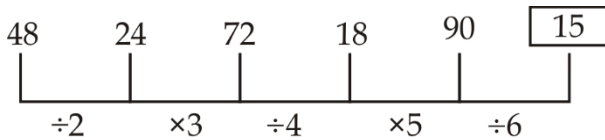
Solutions (56-60):

Total no. of male who eats veg = 120

Total no. of male (veg + non-veg) = $\frac{120}{30} \times 100 = 400$

No. of male who eats non-veg = $400 - 120 = 280$

Total no. of female = $840 - 400 = 440$

Total no. of female who eats non-veg = $280 - 180 = 100$

No. of female who eats veg = $440 - 100 = 340$

S56. Ans.(a)
Sol. Required percentage = $\frac{120-100}{100} \times 100 = 20\%$

S57. Ans.(c)
Sol. required average = $\frac{280+340}{2} = 310$

S58. Ans.(d)
Sol. required difference = $120 + 340 - 280 - 100 = 80$

S59. Ans.(a)
Sol. required no. of female in 2018 who eats veg = $340 + 100 \times \frac{20}{100} = 360$

S60. Ans.(d)
Sol. required ratio = $(280 + 100) : 340$
= $380 : 340$
= $19 : 17$

S61. Ans.(e)
Sol. Let wine and water be $5x$ litre and x litre respectively

Now, $\frac{5x}{x+5} = \frac{5}{2} \Rightarrow 10x = 5x + 25$

$x = 5$

$\Rightarrow$ 25 : 5 | 25 : 10
Before mixture | After mixture

Quantity of wine = 25ℓ

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S62. Ans.(c)

Sol. Let sum = Rs. 250

C.I. for 3 year at 20% pa = $250 \times \left(\frac{12}{10}\right)^3 - 250$

= 182

SI for 3 year at 20% pa

= $\frac{250 \times 3 \times 20}{100} = 150$

Difference = 182 – 150 = 32 → 176

$\Rightarrow$ Sum = $\frac{176}{32} \times 250 = 1375$

Required Interest = $\frac{1375 \times 2 \times 10}{100}$

= 275

S63. Ans.(d)

Sol. Ratio of profit $\Rightarrow$

$$\begin{array}{ccccc} A & : & B & : & C \\ 12 \times 12 & : & 12 \times x & : & 8 \times (12 - x) \\ 36 & : & 3x & : & 2(12 - x) \end{array}$$

ATQ,

$$\frac{36}{60 + x} = \frac{1800}{3200}$$

$\Rightarrow$ 60 + x = 64

$\Rightarrow$ x = 4

S64. Ans.(e)

Sol. Let Pipe A can fill the tank in x minutes

$\Rightarrow$ Pipe B can fill the tank in $x \times \frac{100}{150} = \frac{2x}{3}$

ATQ,

$$\frac{1}{x} + \frac{3}{2x} = \frac{1}{18}$$

$$\Rightarrow \frac{5}{2X} = \frac{1}{18}$$

$\Rightarrow$ x = 45

Capacity of tank = 45 × 6 = 270 l

S65. Ans.(d)

Sol. Let three numbers are a, b and c

ATQ,

$$\frac{a + b}{2} + c = 56$$

$\Rightarrow$ a + b + 2c = 112   ..(i)

$$\frac{b + c}{2} + a = 46$$

$\Rightarrow$ b + c + 2a = 92   ...(ii)

$$\frac{c + a}{2} + b = 50$$
$\Rightarrow$ c + a +2b = 100   ..(iii)

Add (i), (ii) and (iii)

4(a + b+ c) = 304

$\Rightarrow$ a + b + c = $\frac{304}{4}$ = 76

S66. Ans.(c)
Sol. required percentage = $\frac{90}{90+113+112+85} \times 100$ = 22.5%

S67. Ans.(a)
Sol. required ratio = (121 + 124): 140

= 245:140

= 7:4

S68. Ans.(e)
Sol. required difference = $\frac{102+85+140+117}{4} - \frac{90+113+112+85}{4}$

= $\frac{444}{4} - \frac{400}{4}$

= 111 − 100

= 11

S69. Ans.(d)
Sol. required difference = 124 + 113 − 117 − 92 = 28

S70. Ans.(d)
Sol. required percentage = $\frac{85-51}{85} \times 100$

= $\frac{34}{85} \times 100$

= 40% less

S71. Ans.(a)
Sol. It was Jairam's sickness which forced them to sell their cow in order to bear the rest of the expenses, refer to first few lines for the solution.

S72. Ans.(a)
Sol. Jairam behaved in that manner so that he could teach them a lesson hence option (a) is the correct answer.

S73. Ans.(a)
Sol. Option (a) is the most appropriate title for the passage.

S74. Ans.(b)
Sol. Refer to the lines of the passage, ''She came back home dejected as she had lost the cow. She told Jairam the whole story'' hence option (b) is the correct choice for the question.

S75. Ans.(e)
Sol. Here, the phrase given in option (e) completes the sentence in a grammatically correct and contextually meaningful manner.

S76. Ans.(c)
Sol. The four Bullies were surprised when they found the rabbit at home and the food was cooked according to the message Jairam had told the rabbit to convey to Sheela.

S77. Ans.(a)
Sol. "**Teasing**" means "make fun of or attempt to provoke (a person or animal) in a playful way" and "**Mocking**" means "tease or laugh at in a scornful or contemptuous manner". Since they are synonymous with each other, option (a) is the most suitable answer choice.

S78. Ans.(d)
Sol. Possession means the state of having, owning, or controlling something hence expropriate is the word most similar in meaning.

S79. Ans.(e)
Sol. There is no error in the given statement.

S80. Ans.(c)
Sol. There is a grammatical error in part (c) of the sentence. 'Contain' should be replaced with 'Contained' because the sentence is in past. Hence, option (c) is the correct answer.

S81. Ans.(a)
Sol. Use 'friends' in place of 'friend' as after 'one of', 'either of', neither of', 'every one of', noun or pronoun is always plural but verb is always singular.
Ex. One of the books is new.

S82. Ans.(a)
Sol. 'had' will be used after 'No sooner' or 'No sooner did he leave' will be used as sentence starting from 'No sooner', supporting verb is used before the subject.
Ex. No sooner did he reach the office than his friend arrived.

S83. Ans.(a)
Sol. 'accustomed to' will be used in place of 'accustomed with' as preposition 'to' is used after 'accustomed, habituated, addicted, committed, devoted, confined'.
Ex. She is accustomed to hard work.

S84. Ans.(a)
Sol. 'received' will be used in place of 'receive' as the sentence is in past tense as is indicated by 'already over'.

S85. Ans.(e)
Sol. The sentence is grammatically correct.

S86. Ans.(c)
Sol. 'is often indicate' is wrong. Instead 'is often indicated' will be used because after be(is/are/am/was/were/be/been) ,the original form of verb is not used instead past participle form or present participle form is used.

Solutions (87-91):
The correct sequence is **EBDFCA**.

S87. Ans.(b)
S88. Ans.(d)
S89. Ans.(e)
S90. Ans.(a)
S91. Ans.(e)

S92. Ans.(d)
Sol. Among the given options, only option (d) 'confirmed' is the most appropriate choice and the correct answer.
What could witnesses do to the victim's account in the court of law?
They could 'confirm' it.

S93. Ans.(a)
Sol. Replace is the most appropriate word to be filled in both of the given blanks.
Replace will be used as it means taking the place of.
Refund is not apt as neither of the statement talks about the money.
Drain means deprive of strength or vitality.
Hamper means hinder or impede the movement or progress of. Both drain and hamper are contextually wrong to use.

S94. Ans.(a)
Sol. Adhere [verb] means '*believe in and follow the practices of*';
Kindle [verb] means '*arouse feeling*';
Jolt [verb] means '*give a jerk*';
Instigate [verb] means '*urge, incite*';
Haggle [verb] means '*bargain about prices*';

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S95. Ans.(d)
Sol. Option (d) is the correct choice. 'Upstage' best suits the purpose here as in the sentence it is a verb that means divert attention from (someone) towards oneself.

S96. Ans.(c)
Sol. The most suitable word to fit into the blank is 'persistent. 'Persistent' is an adjective which means continuing to exist or occur over a prolonged period. All the other words fail to complete the sentence in a precise grammatical and contextual manner. Hence, option (e) is the most suitable answer choice.
Abjure means solemnly renounce (a belief, cause, or claim).
Brittle means hard but liable to break easily.
Amplify means increase the volume of (sound), especially using an amplifier.
Ancillary means providing necessary support to the primary activities or operation of an organization, system, etc.

S97. Ans.(d)
Sol. From the given highlighted words, 'Telicom' is misspelled correct spelling is 'Telecom.' Hence, option (d) is the correct answer.

S98. Ans.(b)
Sol. (b) is erroneous. Instead of 'others', 'other' should be used. In phrases like any other/ all other/ most other, 'other' is never used in plural form.
Hence, option (b) is the correct answer.

S99. Ans.(e)
Sol. There is no error in the given statement.

S100. Ans.(a)
Sol. The highlighted word in the first part is incorrectly spelled as "boycot". However, the precise spelling of the word is "boycott" which means withdraw from commercial or social relations with (a country, organization, or person) as a punishment or protest. All the other words have been spelt correctly and are in appropriate grammatical syntax. Hence, option (a) is the most suitable answer choice.

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