Directions (1-8): Read the following passage carefully and answer the questions given below them.
Language is a **vital** part of human connection. Although all species have their ways of communicating, humans are the only ones that have mastered cognitive language communication. Language allows us to share our ideas, thoughts, and feelings with others. It has the power to build societies, but also tear them down. Language is what makes us human. It is how people communicate. By learning a language, it means you have mastered a complex system of words, structure, and grammar to effectively communicate with others.

To most people, language comes naturally. We learn how to communicate even before we can talk and as we grow older, we find ways to manipulate language to truly convey what we want to say with words and complex sentences. Of course, not all communication is through language, but mastering a language certainly helps speed up the process. This is one of the many reasons why language is important. Language helps us express our feelings and thoughts — this is unique to our species because it is a way to express unique ideas and customs within different cultures and societies. You can learn customs and how people interact in a given society. Language helps **preserve** cultures, but it also allows us to learn about others and spread ideas quickly.

The importance of language in business is unmatched. Without language here, we can't share ideas and grow them into something more. Whether this means learning a foreign language so you can share ideas with people who come from a different country, or simply learning how to use language to master an interview, demand presence in a room, or network with others, language is vital. Within language, there are many different styles to fit what the speaker wants to communicate. While some are unique to a person's personality, some speakers may _____certain styles depending on the situation, even if it's different from how they normally speak. For e.g. – Personal and contextual styles. These two language styles are a bit more complex. In general, personal style refers to an individual's personal way of speaking, is informal, and focuses on that individual. Contextual styles means changing language depending on the context of a situation. For instance, a professor may use their personal style of speaking with friends and colleagues, and a contextual style when lecturing their students.

Q1. Which of the following statements describe(s) the feature(s) of language?
(a) It is the formation of the intricate system of words, structure and grammar
(b) It is a mean to exchange our own thoughts, emotions and ideas etc. effectively.
(c) Language brings people together to establish societies or communities.
(d) All of these
(e) None of these

Q2. According to the passage, what is the importance of language for a human being?
(a) It defines our identity, expresses our history and promotes human affections
(b) Language defends our human rights and makes us to participate in all aspects of society
(c) It enables students to play an active role in various communities of learners
(d) It helps us in conveying our feelings and thoughts even within different cultures and societies.
(e) None of these

Q3. How does the language function in the different aspects of businesses?
(a) Ideas can be shared with overseas people by learning different languages which helps in business growth.
(b) Language brings harmony among the employees and a supportive environment for business development
(c) Language helps in sharing one's ideas which further be grown in a more efficient way.
(d) Language is used for expertizing an interview, demand presence and linking with others.
(e) Only (a) (c) and (d)

Q4. Which of the following statements exhibits the difference between Personal and contextual style?
(a) Personal style of communication is more formal whereas the contextual style is more informal
(b) Personal style is our own way of expressing feelings while contextual style depends on the surrounding
(c) Personal style is communication in a regional language while contextual style is using the national language
(d) Although both styles are similar in nature, contextual style is generally prioritized over personal style
(e) None of these

**Q5. Which of the following statements is FALSE as per the information given in the passage?**
(a) Language is inherent thus we usually know the method of communication even before we start talking.
(b) All living creatures have expertized the language to share their ideas and feelings
(c) Along with preserving our own culture, we can know about others by using language
(d) Language surely helps us in speeding up the procedure of communication
(e) None of these

Q6. Which of the following can be used to fill the blank given in the passage in order to make a grammatically correct and contextually meaningful sentence?
(a) recall
(b) adapt
(c) receive
(d) admire
(e) None of these

Q7. Which of the following words is a synonym of '**vital**' given in the passage?
(a) rancour
(b) indispensable
(c) contemplative
(d) emphasize
(e) None of these
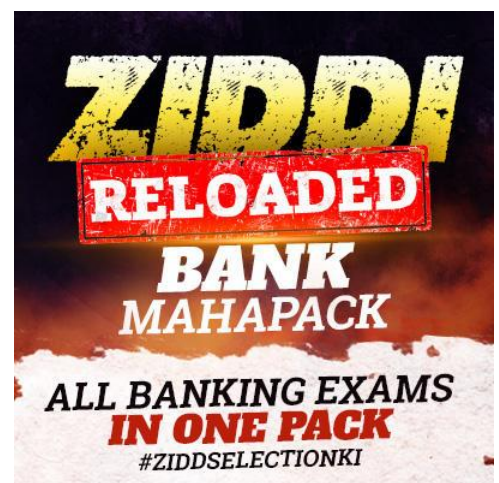
Q8. Which of the following word is an antonym of '**preserve**' given in the passage?
(a) ensuing
(b) unleash
(c) devastate
(d) nimble
(e) None of these

Directions (9-15): In each of the questions given below, a statement has been given with a word omitted. Following the statement, four words have been given and one of the given words will fit in the blank. Choose the most appropriate word to make the statement contextually correct and grammatically meaningful.

Q9. India has met the _____of a liberalized economy.
(a) deadline
(b) sizzle
(c) threshold
(d) association
(e) criteria

Q10. Private universities have begun _____new courses and subjects.
(a) launch
(b) underpin
(c) introducing
(d) lagging
(e) conquering

Q11. Multiple rounds of talks have made _____in bringing the deal back on track.
(a) pavement
(b) progress
(c) solidarity
(d) accomplish
(e) rebel

Q12. Indian culture has been _____by several foreign cultures throughout its history.
(a) cherished
(b) applause
(c) influenced
(d) dictate
(e) whirl

Q13. _____periods of sitting also seem to increase the risk of death from cardiovascular disease and cancer.
(a) Reneged
(b) Lasting
(c) Delayed
(d) Prolonged
(e) Encompassed

Q14. There are certain _____within food that can cause sleepiness.
(a) astounds
(b) elements
(c) chunks
(d) creations
(e) timid

Q15. The association focuses on _____-mental health conversations between parents/guardians and their children.
(a) supporting
(b) ensuing
(c) reconcile
(d) acquit
(e) insidious

Directions (16-20): In each question below a sentence with four words printed in bold type is given. One of these four words printed in bold may be either wrongly spelt or inappropriate in the context of the sentence. Find out the word which is wrongly spelt or inappropriate if any. If all the words printed in bold are correctly spelt and also appropriate in the context of the sentence, mark (E) i.e. 'All correct' as your answer.

Q16. Some **studies** have **sugested** that **sugar** is as **addictive** as Cocaine.
(a) studies
(b) sugested
(c) sugar
(d) addictive
(e) All are correct

Q17. Chemicals realized by waste **plastic** bags enter the soil and make it **infertile.**
(a) chemicals
(b) realized
(c) plastic
(d) infertile
(e) All are correct

Q18. Green Economy is a development **strategy** which **synergizes** both economic development and **ecologicle sustainability**.
(a) strategy
(b) synergizes
(c) ecologicle
(d) sustainability
(e) All are correct

Q19. The UGC has **relaxed** the norms and **standards** for **setting** up open **univercities**
(a) relaxed
(b) standards
(c) setting
(d) univercities
(e) All are correct

Q20. Rabindranath Tagore had a **limitles**s **curiosity** to know more about the world that could not be **satisfeid** by the formal **education** given by the school.
(a) limitless
(b) curiosity
(c) satisfeid
(d) education
(e) All are correct

Directions (21-25): In each of the questions given below four words are given in bold. These four words may or may not be in their correct position. The sentence is then followed by options with the correct combination of words that should interchange with each other in order to make the sentence grammatically and contextually correct. Find the correct combination of the words that replace each other. If the sentence is correct as it is then select 'No interchange required' as your choice.

Q21. More than five million Ukrainians have **displaced (A)** the country and **over (B)** eight million are **internally (C) left (D)**.
(a) Only (A)-(D)
(b) Only (B)-(D)
(c) Both (A)-(B) and (C)-(D)
(d) Both (A)-(C) and (B)-(D)
(e) No interchange needed

Q22. It is **warnings (A)** that company had failed to take **actions (B)** corrective **appropriate (C)** despite several **appalling (D).**
(a) Only (A)-(C)
(b) Only (B)-(D)
(c) Both (A)-(B) and (C)-(D)
(d) Both (A)-(D) and (B)-(C)
(e) No interchange needed

Q23. Suggests (A) on environmental crime in the US and Europe **research (B)** that fining is the most **common (C)** mode of **punishment (D)**.
(a) Only (A)-(C)
(b) Only (B)-(A)
(c) Both (A)-(B) and (C)-(D)
(d) Both (A)-(C) and (B)-(D)
(e) No interchange needed

Q24. One **massive (A)** that has **investors (B)** free fall of currencies is the **factor (C)** sell-off by foreign portfolio **triggered (D)**.
(a) Only (A)-(C)
(b) Only (B)-(D)
(c) Both (A)-(B) and (C)-(D)
(d) Both (A)-(C) and (B)-(D)
(e) No interchange needed

Q25. Car Assessment Program **provide (A)** globally **procedures (B)** about the crash **safety (C)** of a vehicle based on certain common **information (D).**
(a) Only (A)-(C)
(b) Only (B)-(D)
(c) Both (A)-(B) and (C)-(D)
(d) Both (A)-(C) and (B)-(D)
(e) No interchange needed

Directions (26-30): In each of the following questions, four sentences have been given with the usage of an idiom given in bold. Find out in which of the following sentences, usage of the idiom is correct. If none of the given sentence has its correct usage then choose 'None of these' as your correct choice.

Q26. Be in the seventh heaven
(a) Human being usually feels **in the seventh floor**, after getting vaccine
(b) Rekha is **in seventh heaven** after loosing her gold chain
(c) I have **been in seventh heaven,** since I got my new phone.
(d) Please don't feel hopeless after failure and try again **in the seventh heaven**.
(e) None of these

Q27. Around the corner
(a) Exams are **around the corner** as the exam schedule has been released.
(b) Due to the shortage of supply, prices are **around the corner**.
(c) I won't be able to join you as I am **around the corner** in the traffic.
(d) You must be feeling tired as you have been working since **around the corner**.
(e) None of these

Q28. Don't judge a book by its cover
(a) I am looking for business partner but couldn't **judge a book by its cover**.
(b) This new shop has beautiful flowers and shouldn't **judge a book by its cover**
(c) You should by new books as **don't judge old books by its cover**.
(d) Scientists look abnormal but you can't **judge a book by its cover.**
(e) None of these

Q29. Break a leg
(a) Doctor told patient to **break a leg** after diagnose him
(b) His friend told him to **break a leg** right before his performance
(c) You shouldn't drink too much as it **breaks a leg**
(d) My mother will make chicken nuggets today with **break a leg**
(e) None of these

Q30. Hit the sack
(a) My mother isn't feeling well so I will **hit the sack** today for dinner
(b) You won't be able to lift it as it **hits the sack**
(c) I am very tired so I should **hit the sack** now
(d) After watching a horror movie and I very **hit the sack**
(e) None of these

Directions (31-40): What value should come in place of question (?) mark?

Q31. $(4^2 + 24) \times 39 \div 13 - 11^2 = ?$
(a) 0.5
(b) 2
(c) -2
(d) -1
(e) 1

Q32. $26 \% \text{ of } 50 \text{ of } 5 \div 26 = ?$
(a) 2.5
(b) 2.25
(c) 3.5
(d) 1.5
(e) 2

Q33. $10\% \text{ of } 450 - (8 \times 5) = ? \times 5$
(a) 4
(b) 0.5
(c) 1
(d) 3
(e) 2

Q34. $12 \% \text{ of } ? + 12.5\% \text{ of } 960 = 16 \times 12$
(a) 840
(b) 960
(c) 800
(d) 600

(e) 400

Q35. $\sqrt{2025} \times 75\%$ of $400 = \frac{?}{2}$
(a) 31000
(b) 13500
(c) 27000
(d) 20500
(e) 29000

Q36. $3^2 \times ? \div 9 = \sqrt[3]{729} \times \sqrt{144}$
(a) 84
(b) 96
(c) 120
(d) 108
(e) 72

Q37. $189 + (11)^2 + (28)^2 = ? + 412$
(a) 702
(b) 692
(c) 662
(d) 682
(e) 672

Q38. $(1111 \div 11) + (650 \div 25) = ?$
(a) 137
(b) 147
(c) 133
(d) 123
(e) 127

Q39. $20 \times 77 \div 14 - 40 = ?$
(a) 40
(b) 60
(c) 70
(d) 50
(e) 80

Q40. $12 + 12 \times 10 \div 5 = ?^2$
(a) 6
(b) 5
(c) 4
(d) 7
(e) 2

Q41. A vessel contains 84 liters mixture of petrol and diesel in the ratio of 4:3 respectively. When X liters mixture is taken out from the vessel and completely replaced by (X − 4) liters of diesel, then the ratio of petrol and diesel becomes 1:1. Find X?
(a) 7
(b) 14
(c) 21
(d) 35
(e) 28

Q42. A and B started a business by investing in a ratio of 5:6 respectively. After six months, A increases his initial investment by 100% and B withdrew 2/3 rd of from his initial investment. If at the end of a year the difference between profit share of A and B is Rs. 2100, then find the profit share of B (in Rs)?
(a) 1200
(b) 3600
(c) 1800
(d) 2400.
(e) 4800

Q43. Two years ago, the average age of A, B and C was 25 years. If two years hence the sum of age of A and C will be 50 years, then find the present age of B?
(a) 34 years
(b) 30 years
(c) 37 years
(d) 22 years
(e) 35 years

Q44. A man spent 25% of his monthly income on house rent, 20% of the remaining income on food and the remaining income he saves. If the amount he saves is Rs.6000, then find the monthly income of man?
(a) Rs.17000
(b) Rs.10000
(c) Rs.12000
(d) Rs.15000
(e) Rs.18000

Q45. The ratio of speed of boat in downstream to that of in upstream is 4 : 1 and total time taken by boat to cover 'D' km in downstream and upstream together is 10 hours. Find the time taken by boat to cover '5D' km in still water?
(a) 12 hours
(b) 16 hours
(c) 15 hours
(d) 18 hours
(e) 20 hours

Directions (46-50): what will come in place of question (?) mark in the given series?

Q46. 3, 9, 21, 39, 63, ?
(a) 93
(b) 90
(c) 80
(d) 85
(e) 100

Q47. 50, 25, 25, 37.5, ?, 187.5
(a) 85
(b) 80
(c) 65
(d) 95
(e) 75

Q48. ?, 2, 6, 30, 210, 2310
(a) 1
(b) 2
(c) 0.5
(d) 3
(e) 4

Q49. 3 , 4, 10, 33, 136, ?
(a) 645
(b) 655
(c) 685
(d) 695
(e) 675

Q50. 14, 15, 23, 32, 96, ?
(a) 114
(b) 123
(c) 148
(d) 117
(e) 121

Directions (51-55): Read the following information and answer the question given below.
Total 550 students take admission for mathematics and Science tuition. Each student takes admission in only one subject. Total number of boys who take admission for mathematics is 85% of total girls who take admission for mathematics. Total number of girls who take admission for science is 67 less than total boys who take admission for mathematics and number of girls who take admission for mathematics are 200.

Q51. Find the sum of total girls who take admission for mathematics and science?

(a) 303

(b) 313

(c) 323

(d) 306

(e) 307

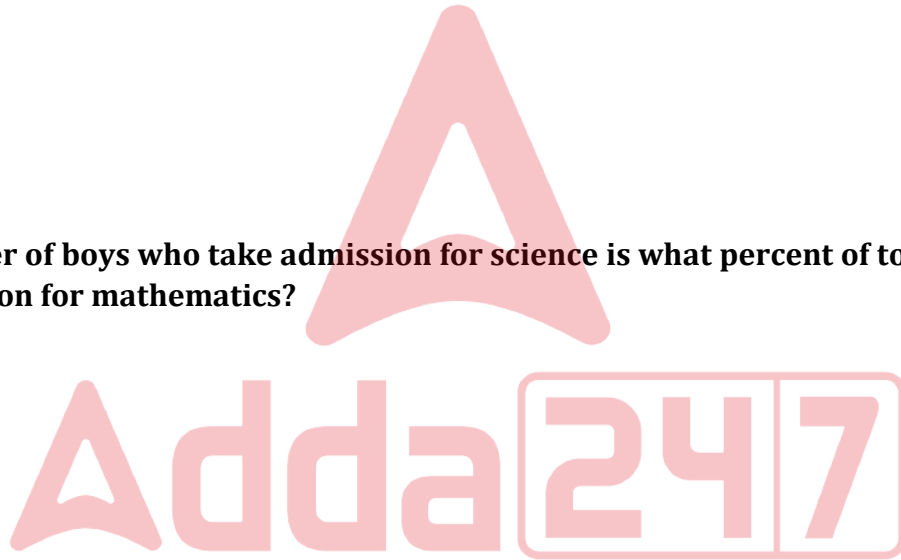**Q52. Find the total number of students who take admission for science?**

(a) 170

(b) 190

(c) 120

(d) 180

(e) 130

Q53. Find the ratio of total number of boys who take admission for science to total number of students who take admission for both the subjects?

(a) 7:5

(b) 23:50

(c) 7:50

(d) 50:7

(e) 3:5

Q54. Total number of boys who take admission for science is what percent of total number of girls who take admission for mathematics?

(a) 28.5%

(b) 18.5%

(c) 58.5%

(d) 38.5%

(e) 48.5%

Q55. Find the difference between total students who take admission for mathematics and total students who take admission for science?

(a) 120

(b) 180

(c) 190

(d) 140

(e) 160

Q56. A shopkeeper marks up an article 100% above its cost price and allows a discount of 40%. If shopkeeper still made a profit of Rs. 400, then find the selling price of the article (in Rs.)?

(a) 1800

(b) 2000

(c) 3600

(d) 4800

(e) 2400

Q57. In an election only two candidates A and B participated. A got 30% less votes than B and B won by 600 votes. Find the total number of votes polled?
(a) 3400
(b) 7200
(c) 3200
(d) 9600
(e) 3600

Q58. Pipe P & pipe Q together can fill 1/4 th of a tank in 4 hours, while pipe R can empty the same tank in 20 hours. If pipe P & pipe Q together open for eight hours, then find time (in hours) taken by R to empty the tank?
(a) 15
(b) 10
(c) 16
(d) 8
(e) 20

Q59. The circumference of a circle having radius of 7 cm is 20 cm less than perimeter of a square. Find the area of the square (in cm^2)?
(a) 225
(b) 256
(c) 196
(d) 324
(e) 144

Q60. The ratio of speed of train P to that of train Q is 4 : 3. The length of train P is 840 meters and that of train Q is 1400 meters. If both trains running opposite direction, then train P crosses train Q in 32 seconds. Find the speed of train P (in meter per second)?
(a) 30
(b) 40
(c) 60
(d) 80
(e) 20

Directions (61-65): Table given below shows total number of tickets (Air tickets + train tickets) booked in five different weekdays and it also shows the ratio of air tickets to train tickets. Read the table carefully and answer the following question.

Days	Total tickets (Air tickets + train tickets) booked	Ratio of air tickets to train tickets
Monday	3500	5:2
Tuesday	1200	3:2
Wednesday	1000	1:1
Thursday	1500	11:4
Friday	3300	6:5

Q61. Find the average of total tickets booked on Friday, Tuesday and Thursday?
(a) 2000
(b) 2200
(c) 2100
(d) 8000
(e) 2300

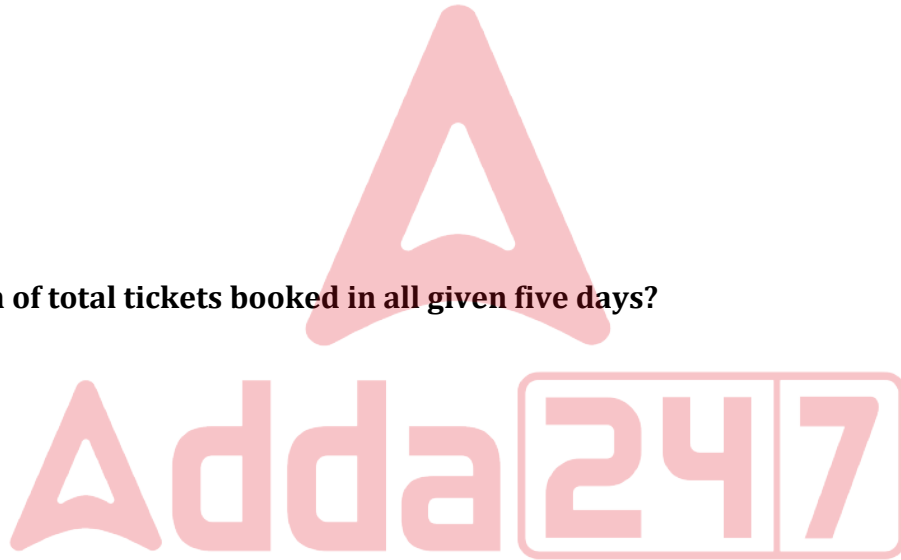**Q62. Find the ratio of total air tickets booked on Thursday to total train tickets booked on Friday?**
(a) 15 : 11
(b) 13 : 15
(c) 11 : 12
(d) 11 : 17
(e) 11 : 15

Q63. Total train tickets booked on Tuesday is what percentage of total tickets booked on Wednesday?
(a) 48%
(b) 38%
(c) 36%
(d) 30%
(e) 45%

Q64. Find the sum of total tickets booked in all given five days?
(a) 11500
(b) 10300
(c) 10400
(d) 10500
(e) 10200

Q65. If total tickets booked in weekend (Sunday + Saturday) is 50% more than total tickets booked in all given five days, then **find number of tickets booked in weekends (Sunday + Saturday)?**
(a) 15750
(b) 17750
(c) 16750
(d) 15550
(e) 15250

Directions (66-70): Study the following information and answer the questions given below:
A certain number of persons sit in a linear row and all face north. Four persons sit between A and B. C sits seventh to the left of B. D sits third to the right of C.G sits exactly between D and B. The number of persons sit between G and C is same as the number of persons sit to the left of A. H sits second from one of the extreme ends of the row. Three persons sit between H and K. No one sits between B and K. More than two persons sit between D and K.

Q66. Find the total number of persons sit in the row?
(a) 14
(b) 16
(c) 15
(d) Either 14 or 16
(e) Can't be determined

Q67. What is the position of K with respect to G?
(a) Fourth to the right
(b) Immediate right
(c) Third to the right
(d) Immediate left
(e) None of these

Q68. Who among the following sits exactly between A and H?
(a) B
(b) G
(c) K
(d) EitherB or K
(e) None of these

Q69. How many persons sit to the left of C?
(a) None
(b) Three
(c) One
(d) Two
(e) More than three
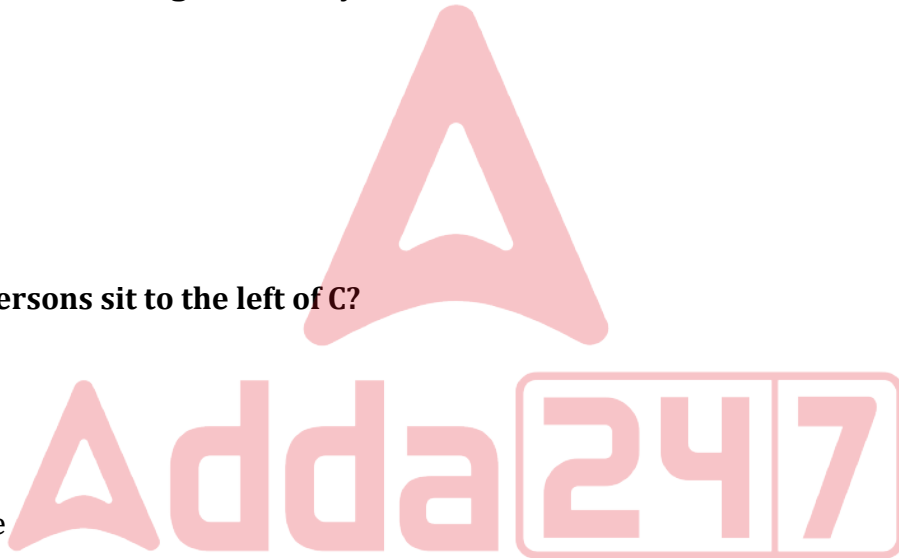
Q70. The number of persons sit between H and B is same as the number of persons sit between __ and __?
(a) A and H
(b) C and K
(c) D and G
(d) C and A
(e) K and D

Directions (71-73): Study the following information carefully and answer the question given below:
A person walks 10m towards south from point P to point Q. Then turns left and walks 21m to reach point R. From R, he walks 9m towards his right and reach at Point S. Now he walks 12m towards east from point S to point T. Then turns left from point T and walks 12m to reach to reach point M. At last, he takes two consecutive right turns of 5m and 7m to reach point V and point W respectively.

Q71. What is the direction of point W with respect to point R?
(a) West
(b) East
(c) South-east
(d) North-west
(e) None of these

Q72. What is the shortest distance between point T and point V?
(a) 17m
(b) 13m
(c) 19m
(d) 14m
(e) 10m

Q73. Four among the following five pairs are alike in a certain manner and related to a group, which among the following does not belong to the group?
(a) V-R
(b) Q-W
(c) P-S
(d) R-T
(e) M-W

Q74. How many pairs of letters are there in the word **AUBERGINE**, each of which has as many letters between them (in both forward and backward direction) as they have according to English alphabetical series?
(a) Three
(b) Four
(c) One
(d) Two
(e) None of these

Directions (75-79): Study the following information to answer the questions below:
Ten persons A, B, C, D, E, G, H, J, K and L live on different floors of a five-floor building (not necessarily in the same order) where ground floor is numbered as 1, above it is 2 and so on till the topmost floor is numbered as 5. Each floor has two flats i.e., flat P and flat Q in such a manner that flat P of floor 2 is just above the flat P of floor 1 and just below the flat P of floor 3. Similarly, flat Q of floor 2 is just above the flat Q of floor 1 and just below the flat Q of floor 3. Flat Q is in the east of flat P.

K lives either on topmost floor or on bottommost floor.D lives east of K.Three floors gap between D and H. H and K lives in the same flat.C lives to the west of A and both live on an odd numbered floor. J lives just below C in the same flat. J lives just below C in the same flat. L lives to the north-east of J. One floor gap between L and B. G lives on one of the floors which is below B's floor.

Q75. How many floors are below the floor of A?
(a) One
(b) Four
(c) Three
(d) Two
(e) None

Q76. Who among the following lives just below the flat of L?
(a) E
(b) G
(c) A
(d) C
(e) None of these

Q77. Who among the following lives to the west of G?
(a) H
(b) C
(c) J
(d) E
(e) None of these

Q78. Who among the following lives on even numbered floor?
(a) K
(b) B
(c) H
(d) G
(e) C

Q79. Four among the following five are alike in a certain way and related to a group, who among the following does not belong to the group?
(a) L
(b) G
(c) D
(d) B
(e) K

Directions (80-82): Study the given information and answer the following questions:
There are seven persons S, R, O, A, B, M and P in a family of three generations. O is the only son of M. O has two children. A is the daughter-in-law of B who is a female. M is the spouse of B. P is the child of M. S is the niece of P and has one brother.

Q80. Who among the following is the mother of R?
(a) A
(b) P
(c) B
(d) S
(e) None of these

Q81. What is the relation of P with respect to B?
(a) Son-in-law
(b) Daughter
(c) Grandchild
(d) Niece
(e) None of these

Q82. What is the relation of M with respect to A?
(a) Father
(b) Father-in-law
(c) Brother-in-law
(d) Grandfather
(e) None of these

Q83. Five pencils A, B, D, L and N are arranged in a row according to their length in descending order from left end of the row. A is longer to L. L is shorter to D. L is longer to N which is the shortest among all. One pencil is placed between L and A. A is not the longest pencil. D is shorter to A. Find how many pencils are arranged between B and L?
(a) One
(b) Can't be determined
(c) Two
(d) Three
(e) None of these

Directions (84-85): In these questions, a relationship between different elements is shown in the statements. The statements are followed by two conclusions. Give answer

Q84.
Statement:
$G > K \geq J \geq L = S > D < Y$
Conclusion:
I. K = L
II. S < K
(a) if only conclusion I is true.
(b) if only conclusion II is true.
(c) if either conclusion I or II is true.
(d) if neither conclusion I nor II is true.
(e) if both conclusions I and II are true.

Q85.
Statement:
$P < W < E = T > O > B$
Conclusion:
I. P < T
II. B $\leq$ E

(a) if only conclusion I is true.
(b) if only conclusion II is true.
(c) if either conclusion I or II is true.
(d) if neither conclusion I nor II is true.
(e) if both conclusions I and II are true.

Directions (86-90): Study the given information and answer the following questions:
Seven persons were born on seven different days of the same week starting from Sunday and ending on Saturday in the same year.
D was born four days before V. One person was born between D and E. T is just older to E.Q was born after E but not just after. F is neither youngest not oldest person among all. L was born before F. More than one person was born between L and E.

Q86. L was born on which among the following days?
(a) Monday
(b) Thursday
(c) Friday
(d) Sunday
(e) None of these

Q87. How many persons are younger to F?
(a) Two
(b) Three
(c) Four
(d) One
(e) None of these

Q88. Who among the following is just younger to V?
(a) F
(b) Q
(c) No One
(d) L
(e) None of these

Q89. Who among the following was born on Tuesday?
(a) Either (C) or (E)
(b) L
(c) E
(d) D
(e) T

Q90. Which among the following pair is incorrect?
(a) Monday-D
(b) Friday-V
(c) Tuesday-T
(d) Sunday-L
(e) Saturday-F

Q91. If we form a five letter meaningful word by using the first, second, third, fifth and seventh letter from the left end of the word **'ARTICHOKE'**, then which of the following will be the fourth letter of the meaningful word thus formed. If more than one word is formed mark P as your answer. If no meaningful word is formed, mark X as your answer?

(a) P

(b) O

(c) C

(d) X

(e) None of these

Directions (92-94): In each of the questions below are given some statements followed by two conclusions. You have to take the given statements to be true even if they seem to be at variance with 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.

Q92. Statements:

All read is time.

Some read is book.

Only a few page is book.

Conclusion:

I. Some page is not time.

II. All page is time.

(a) If only conclusion I follows.

(b) If only conclusion II follows.

(c) If either conclusion I or II follows.

(d) If neither conclusion I nor II follows.

(e) If both conclusions I and II follow.

Q93. Statements:

Only even is test.

No even is logic.

No date is logic.

Conclusion:

I. No date being test is a possibility.

II. Some even can be date.

(a) If only conclusion I follows.

(b) If only conclusion II follows.

(c) If either conclusion I or II follows.

(d) If neither conclusion I nor II follows.

(e) If both conclusions I and II follow.

Q94. Statements:
Some shift is blog.
No blog is after.
All after is service'.
Conclusion:
I. Some service is not blog.
II. Some shift is not after.
(a) If only conclusion I follows.
(b) If only conclusion II follows.
(c) If either conclusion I or II follows.
(d) If neither conclusion I nor II follows.
(e) If both conclusions I and II follow.

Q95. Four among the following five are same in a certain manner and related to a group, which among the following does not belong to the group?
(a) LOPS
(b) GJKN
(c) PSVY
(d) QTUX
(e) EHIL

Directions (96-100): Study the following information and answer the questions below:
Nine boxes P, O, L, K, J, M, N, B and C are placed one above the other in a stack but not necessarily in the same order.
Five boxes are placed between K and B. B is placed below K. P is placed three places above B. Same number of boxes are placed above and below P and J respectively. The number of boxes placed between J and B is same as the number of boxes placed between P and M. Three boxes are placed between M and N. N is placed above O and below C. O is placed below L

Q96. Which among the following box is placed 2ⁿᵈ from the top of the stack?
(a) P
(b) M
(c) C
(d) J
(e) L

Q97. How many boxes are placed between box C and box L?
(a) Five
(b) Three
(c) Four
(d) Six
(e) Two

Q98. Which among the following box is placed two places above box O?
(a) M
(b) J
(c) N
(d) P
(e) None of these

Q99. How many boxes are placed below box L?
(a) Two
(b) One
(c) Three
(d) Four
(e) None of these

Q100. Which among the following box is placed exactly between box M and box L?
(a) C
(b) J
(c) K
(d) N
(e) Either (b) or (d)

Solutions

S1. Ans.(d)
Sol. By going through the first paragraph of the passage thoroughly we can conclude that all the given statements are correct as per the passage.

S2. Ans.(d)
Sol. To validate the answer, refer to the second paragraph which mentions, "Language helps us express our feelings and thoughts — this is unique to our species because it is a way to express unique ideas and customs within different cultures and societies."

S3. Ans.(e)
Sol. To validate the answer, refer to the third paragraph which mentions, "Without language here, we can't share ideas and grow them into something more. Whether this means learning a foreign language so you can share ideas with people who come from a different country, or simply learning how to use language to master an interview, demand presence in a room, or network with others, language is vital."

S4. Ans.(e)
Sol. To validate the answer, refer to the last paragraph which mentions, "These two language styles are a bit more complex. In general, personal style refers to an individual's personal way of speaking, is informal, and focuses on that individual. Contextual styles means changing language depending on the context of a situation."

S5. Ans.(b)

Sol. All options are true except option (b).

For option (a), refer to the second paragraph which mentions, "To most people, language comes naturally. We learn how to communicate even before we can talk and as we grow older, we find ways to manipulate language to truly convey what we want to say with words and complex sentences."

For option (b), refer to the first paragraph which mentions, "Although all species have their ways of communicating, humans are the only ones that have mastered cognitive language communication."

For option (c), refer to the second paragraph which mentions, "Language helps preserve cultures, but it also allows us to learn about others and spread ideas quickly. "

For option (d), refer to the second paragraph which mentions, "Of course, not all communication is through language, but mastering a language certainly helps speed up the process."

S6. Ans.(b)

Sol. The correct word for the given blank is 'adapt'.

recall means bring (a fact, event, or situation) back into one's mind; remember

adapt means become adjusted to new conditions.

receive means be given, presented with, or paid (something).

admire means regard with respect or warm approval.

S7. Ans.(b)

Sol. 'Indispensable' is a synonym of 'vital'.

Rancour means bitterness or resentfulness, especially when long standing.

Vital means absolutely necessary; essential.

Indispensable means absolutely necessary.

Contemplative means expressing or involving prolonged thought.

Emphasize means give special importance or value to (something) in speaking or writing.

S8. Ans.(c)

Sol. 'Devastate' is an antonym of 'preserve'

Preserve means maintain (something) in its original or existing state.

Ensuing means occurring afterwards or as a result.

Unleash means cause (a strong or violent force) to be released or become unrestrained.

Devastate means destroy or ruin.

Nimble means able to think and understand quickly.

S9. Ans.(e)

Sol. The correct word for the given blank is 'criteria'

(a)deadline means the latest time or date by which something should be completed.

(b)sizzle means make a hissing sound when frying or cooking.

(c)threshold means a point of entry or beginning.

(d)association means a group of people organized for a joint purpose

(e) criteria means a principle or standard by which something may be judged or decided.

S10. Ans.(c)
Sol. The correct word for the given blank is 'introducing'
(a)launch means set (a boat) in motion by pushing it or allowing it to roll into the water.
(b)underpin means support, justify, or form the basis for.
(c) introducing means bring (something, especially a product, measure, or concept) into use or operation for the first time.
(d)lagging means fail to keep up with another or others in movement or development.
(e)conquering means overcome and take control of (a place or people) by military force.

S11. Ans.(b)
Sol. The correct word for the given blank is 'progress'
(a)pavement means a raised paved or asphalted path for pedestrians at the side of a road.
(b) progress means development towards an improved or more advanced condition.
(c)solidarity means unity or agreement of feeling or action, especially among individuals with a common interest; mutual support within a group.
(d)accomplish means achieve or complete successfully.
(e)rebel means a person who rises in opposition or armed resistance against an established government or leader.

S12. Ans.(c)
Sol. The correct word for the given blank is 'influenced'.
(a)cherished means protect and care for (someone) lovingly.
(b)applause means approval or praise expressed by clapping.
(c) influenced means have an effect on the character, development, or behaviour of someone or something, or the effect itself.
(d) dictate means state or order authoritatively.
(e) whirl means move or cause to move rapidly round and round.

S13. Ans.(d)
Sol. The correct word for the given blank is 'prolonged'
(a) Reneged means go back on a promise, undertaking, or contract.
(b) Lasting means enduring or able to endure over a long period of time.
(c) Delayed means make (someone or something) late or slow.
(d) Prolonged means continuing for a long time or longer than usual; lengthy.
(e)Encompassed means surround and have or hold within.

S14. Ans.(b)
Sol. The correct word for the given blank is 'elements'
(a) astounds means shock or greatly surprise.
(b) elements means an essential or characteristic part of something abstract.
(c) chunks means a thick, solid piece of something.
(d) creation means the action or process of bringing something into existence.
(e) timid means showing a lack of courage or confidence; easily frightened.

S15. Ans.(a)

Sol. The correct word for the given blank is 'supporting'

(a) supporting means be actively interested in and concerned for the success of (a particular sports team).

(b)ensuing means occurring afterwards or as a result.

(c)reconcile means restore friendly relations between.

(d)acquit means free (someone) from a criminal charge by a verdict of not guilty.

(e)insidious means proceeding in a gradual, subtle way, but with very harmful effects.

S16. Ans.(b)

Sol. 'Sugested' is misspelt and its correct spelling is 'suggested'

S17. Ans.(b)

Sol. 'Realized' is incorrect here and should be replaced by 'released'.

S18. Ans.(c)

Sol. 'Ecologicle' is misspelt and its correct spelling is 'ecological'.

S19. Ans.(d)

Sol. 'Univercities' is misspelt and its correct spelling is 'universities'

S20. Ans.(c)

Sol. 'Satisfeid' is misspelt and its correct spelling is 'satisfied'.

S21. Ans.(a)

Sol. The interchange needed to make sentence contextually meaningful is (A)-(D). Therefore, the meaningful sentence will be "More than five million Ukrainians have left the country and over eight million are internally displaced."

S22. Ans.(d)

Sol. The interchanges needed to make sentence contextually meaningful are (A)-(D) and (B)-(C). Therefore, the meaningful sentence will be "It is appalling that company had failed to take appropriate corrective actions despite several warnings"

S23. Ans.(b)

Sol. The interchange needed to make sentence contextually meaningful is (A)-(B). Therefore, the meaningful sentence will be "Research on environmental crime in the United States and Europe suggests that fining is the most common mode of punishment."

S24. Ans.(d)

Sol. The interchanges needed to make sentence contextually meaningful are (A)-(C) and (B)-(D). Therefore, the meaningful sentence will be "One factor that has triggered this free fall of currencies is the massive sell-off by foreign portfolio investors"

S25. Ans.(b)
Sol. The interchange needed to make sentence contextually meaningful is (B)-(D). Therefore, the meaningful sentence will be "Car Assessment Program provide globally information about the crash safety of a vehicle based on certain common procedures".

S26. Ans.(c)
Sol. 'In the seventh heaven' means 'to be extremely happy' therefore its usage is correct in option (c) only.

S27. Ans.(a)
Sol. 'Around the corner' means 'about to happen' therefore only option (a) has its correct usage.

S28. Ans.(d)
Sol. 'Don't judge a book by its cover' means 'outward appearances are not a reliable indication of the true character of someone or something' therefore only option (d) has its correct usage.

S29. Ans.(b)
Sol. 'Break a leg' means 'good luck' therefore only option (b) has its correct usage.

S30. Ans.(c)
Sol. 'Hit the sack' means 'go to bed' therefore only option (c) has its correct usage.

S31. Ans.(d)
Sol.
$$\frac{(16+24) \times 39}{13} - 121 = ?$$
$$-1 = ?$$

S32. Ans.(a)
Sol.
$$\frac{26}{100} \times 50 \times 5 \times \frac{1}{26} = ?$$
$$? = 2.5$$

S33. Ans.(c)
Sol.
$$45 - 40 = ? \times 5$$
$$? = 1$$

S34. Ans.(d)
Sol.
$$\frac{12}{100} \times ? + \frac{1}{8} \times 960 = 192$$
$$\frac{12}{100} \times ? = 192 - 120$$
$$\frac{12}{100} \times ? = 72$$
$$? = 600$$

S35. Ans.(c)
Sol.

$$45 \times \frac{3}{4} \times 400 = \frac{?}{2}$$

$$13500 = \frac{?}{2}$$

$$27000 = ?$$

S36. Ans.(d)
Sol.

$$\frac{9 \times ?}{9} = 9 \times 12$$

$$? = 108$$

S37. Ans.(d)
Sol.

$$189 + 121 + 784 = ? + 412$$

$$1094 - 412 = ?$$

$$? = 682$$

S38. Ans.(e)
Sol.

$$101 + 26 = ?$$

$$127 = ?$$

S39. Ans.(c)
Sol.

$$110 - 40 = ?$$

$$70 = ?$$

S40. Ans.(a)
Sol.

$$12 + 24 = ?^2$$

$$36 = ?^2$$

$$6 = ?$$

S41. Ans.(b)
Sol.

ATQ,

$$\frac{\left(84 \times \frac{4}{7}\right) - \left(X \times \frac{4}{7}\right)}{\left(84 \times \frac{3}{7}\right) - \left(X \times \frac{3}{7}\right) + (X-4)} = \frac{1}{1}$$

$$48 - \frac{4X}{7} = 36 - \frac{3X}{7} + X - 4$$

$$16 = \frac{8X}{7}$$

$$X = 14$$
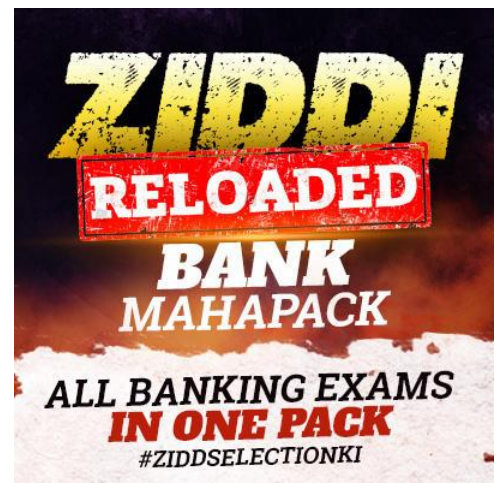
S42. Ans.(d)
Sol.
Let investment of A = 100x Rs.

So, investment of B = $100x \times \frac{6}{5} = 120x$ Rs.

Ratio of profit share of A to B

$$= (100x \times 6 + 200x \times 6) : (120x \times 6 + 120x \times \frac{1}{3} \times 6)$$
$$= 15 : 8$$

Profit share of B = $2100 \times \frac{8}{15-8} = Rs. 2400$

S43. Ans.(e)
Sol.
Let present age of A, B & C be a, b & c years respectively

Sum of the present ages of A, B and C = $25 \times 3 + 2 \times 3 = 81$ *years*

Sum of the present ages of A and C = $50 - 2 \times 2 = 46$ *years*

So, present age of B = $81 - 46 = 35$ *years*

S44. Ans.(b)
Sol.
Let the monthly income of man be Rs.100x.

Amount he saves = $100x \times \frac{75}{100} \times \frac{80}{100} = 60x$

ATQ,

60x = 6000

x = 100

Income of man = 100x = Rs.10000

S45. Ans.(b)
Sol.
Let the speed of boat upstream be $'x'$ km/hr and
speed of boat in downstream be '4x' km/hr

ATQ,

$$\frac{D}{4x} + \frac{D}{x} = 10$$
$$\frac{5D}{4x} = 10$$
$$D = 8x$$

So, required time = $\frac{5 \times 8x}{\frac{x+4x}{2}} = 16$ *hours*

S46. Ans.(a)
Sol.
Pattern of series –

3 + 6 = 9

9 + 12 = 21

21 + 18 = 39

39 + 24 = 63

? = 63 + 30 = **93**

S47. Ans.(e)
Sol.
Pattern of series –
$50 \times 0.5 = 25$
$25 \times 1 = 25$
$25 \times 1.5 = 37.5$
$? = 37.5 \times 2 = \textbf{75}$
$75 \times 2.5 = 187.5$

S48. Ans.(a)
Sol.
Pattern of series –
Multiplication of consecutive prime numbers
$1 \times 2 = 2$
$2 \times 3 = 6$
$6 \times 5 = 30$
$30 \times 7 = 210$
$210 \times 11 = 2310$

S49. Ans.(c)
Sol.
Pattern of series –
$3 \times 1 + 1 = 4$
$4 \times 2 + 2 = 10$
$10 \times 3 + 3 = 33$
$33 \times 4 + 4 = 136$
$? = 136 \times 5 + 5 = \textbf{685}$

S50. Ans.(e)
Sol.
Pattern of series –
$14 + 1^2 = 15$
$15 + 2^3 = 23$
$23 + 3^2 = 32$
$32 + 4^3 = 96$
$? = 96 + 5^2 = \textbf{121}$

S51. Ans.(a)
Sol.
Total students = 550
Total girls who take admission for mathematics = 200
Total boys who take admission for mathematics = $200 \times \frac{85}{100} = 170$
ATQ,
Total girls who take admission for science = $170 - 67 = 103$
Total boys who take admission for science = $550 - (200 + 170 + 103) = 77$
Required sum = $200 + 103 = 303$

S52. Ans.(d)

Sol.

Total students = 550

Total girls who take admission for mathematics = 200

Total boys who take admission for mathematics = $200 \times \frac{85}{100} = 170$

ATQ,

Total girls who take admission for science = 170 − 67 = 103

Total boys who take admission for science = 550 − (200 + 170 + 103) = 77

Total number of students = 103+77=180

S53. Ans.(c)

Sol.

Total students = 550

Total girls who take admission for mathematics = 200

Total boys who take admission for mathematics = $200 \times \frac{85}{100} = 170$

ATQ,

Total girls who take admission for science = 170 − 67 = 103

Total boys who take admission for science = 550 − (200 + 170 + 103) = 77

Required ratio = 77 : 550 = 7 : 50

S54. Ans.(d)

Sol.

Total students = 550

Total girls who take admission for mathematics = 200

Total boys who take admission for mathematics = $200 \times \frac{85}{100} = 170$

ATQ,

Total girls who take admission for science = 170 − 67 = 103

Total boys who take admission for science = 550 − (200 + 170 + 103) = 77

Required percentage = $\frac{77}{200} \times 100 = 38.5\%$

S55. Ans.(c)

Sol.

Total students = 550

Total girls who take admission for mathematics = 200

Total boys who take admission for mathematics = $200 \times \frac{85}{100} = 170$

ATQ,

Total girls who take admission for science = 170 − 67 = 103

Total boys who take admission for science = 550 − (200 + 170 + 103) = 77

Required difference = (170 + 200) − (77 + 103) =190

S56. Ans.(e)

Sol.

Let cost price of article= 100x.

So, marked price of article = $100x \times \left(1 + \frac{100}{100}\right) = 200x$

And, selling price of article = $200x \times \frac{(100-40)}{100} = 120x$

ATQ –

(120x) – 100x = 400

20x = 400

x = 20 Rs.

Selling price of article = Rs.2400

S57. Ans.(a)

Sol.

Let total votes got by B = 100x

So, total votes got by A = $100x \times \frac{(100-30)}{100} = 70x$

Total votes polled = 170x

Given, 100x – 70x =600

x = 20

Total votes polled = 20 × 170 = 3400

S58. Ans.(b)

Sol.

Time taken by pipes (P +Q) together to fill the whole tank = 4 × 4 = 16 *hours*

Given, pipe R empty the whole tank in = 20 hours

ATQ –

Total capacity of tank = 80 unit (LCM of 16 & 20)

Efficiency of pipe P & Q together = $\frac{80}{16} = 5\ unit/hour$

Efficiency of R (empty pipe) = $\frac{80}{20} = -4\ units/hour$

Let time taken by pipe R be 't' hours

$So, 4 \times t = 8 \times 5$

$t = 10\ hours$

S59. Ans.(b)

Sol.

Circumference of the circle = $2 \times \frac{22}{7} \times 7 = 44\ cm$

Perimeter of square = $44 + 20 = 64$ cm

Side of square = $\frac{64}{4} = 16$ cm

So, area of square = $16 \times 16 = 256\ cm^2$

S60. Ans.(b)
Sol.
Let speed of train P = 4x
And, speed of train Q = 3x
ATQ,
$\frac{840+1400}{32} = (4x + 3x)$
x = 10
Speed of train P = 40 m/s

S61. Ans.(a)
Sol.

Days	Total air tickets	Total train tickets
Monday	$3500 \times \frac{5}{7} = 2500$	3500 – 2500 = 1000
Tuesday	$1200 \times \frac{3}{5} = 720$	1200 – 720 = 480
Wednesday	$1000 \times \frac{1}{2} = 500$	1000 – 500 = 500
Thursday	$1500 \times \frac{11}{15} = 1100$	1500 – 1100 = 400
Friday	$3300 \times \frac{6}{11} = 1800$	3300 – 1800 = 1500

Required average = $\frac{3300+1200+1500}{3} = 2000$

S62. Ans.(e)
Sol.

Days	Total air tickets	Total train tickets
Monday	$3500 \times \frac{5}{7} = 2500$	3500 – 2500 = 1000
Tuesday	$1200 \times \frac{3}{5} = 720$	1200 – 720 = 480
Wednesday	$1000 \times \frac{1}{2} = 500$	1000 – 500 = 500
Thursday	$1500 \times \frac{11}{15} = 1100$	1500 – 1100 = 400
Friday	$3300 \times \frac{6}{11} = 1800$	3300 – 1800 = 1500

Required ratio = 1100 : 1500 = 11 : 15

S63. Ans.(a)
Sol.

Days	Total air tickets	Total train tickets
Monday	$3500 \times \frac{5}{7} = 2500$	3500 – 2500 = 1000
Tuesday	$1200 \times \frac{3}{5} = 720$	1200 – 720 = 480
Wednesday	$1000 \times \frac{1}{2} = 500$	1000 – 500 = 500
Thursday	$1500 \times \frac{11}{15} = 1100$	1500 – 1100 = 400
Friday	$3300 \times \frac{6}{11} = 1800$	3300 – 1800 = 1500

Required percentage = $\frac{480}{1000} \times 100 = 48\%$

S64. Ans.(d)

Sol.

Days	Total air tickets	Total train tickets
Monday	$3500 \times \dfrac{5}{7} = 2500$	$3500 - 2500 = 1000$
Tuesday	$1200 \times \dfrac{3}{5} = 720$	$1200 - 720 = 480$
Wednesday	$1000 \times \dfrac{1}{2} = 500$	$1000 - 500 = 500$
Thursday	$1500 \times \dfrac{11}{15} = 1100$	$1500 - 1100 = 400$
Friday	$3300 \times \dfrac{6}{11} = 1800$	$3300 - 1800 = 1500$

Required sum = (3500 +1200+1000+1500+3300) = 10500

S65. Ans.(a)

Sol.

Days	Total air tickets	Total train tickets
Monday	$3500 \times \dfrac{5}{7} = 2500$	$3500 - 2500 = 1000$
Tuesday	$1200 \times \dfrac{3}{5} = 720$	$1200 - 720 = 480$
Wednesday	$1000 \times \dfrac{1}{2} = 500$	$1000 - 500 = 500$
Thursday	$1500 \times \dfrac{11}{15} = 1100$	$1500 - 1100 = 400$
Friday	$3300 \times \dfrac{6}{11} = 1800$	$3300 - 1800 = 1500$

Total tickets booked in all given five days = (3500 +1200+1000+1500+3300) = 10500

Total tickets booked on weekends (Sunday + Saturday) = $\dfrac{150}{100} \times 10500 = 15750$

S66. Ans.(b)

Sol. Four persons sit between A and B. C sits seventh to the left of B. D sits third to the right of C. G sits exactly between D and B. There are two possible cases.
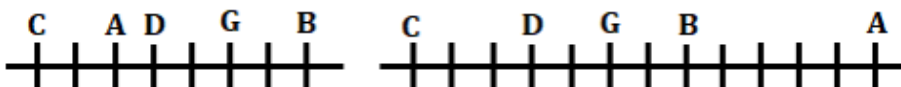
The number of persons sit between G and C is same as the number of persons sit to the left of A. Case 2 will eliminate here. H sits second from one of the extreme ends of the row. Three persons sit between H and K. No one sits between B and K. More than two persons sit between D and K. So, the final arrangement is:

16 persons sit in the row

S67. Ans.(c)
Sol. Four persons sit between A and B. C sits seventh to the left of B. D sits third to the right of C. G sits exactly between D and B. There are two possible cases.

The number of persons sit between G and C is same as the number of persons sit to the left of A. Case 2 will eliminate here. H sits second from one of the extreme ends of the row. Three persons sit between H and K. No one sits between B and K. More than two persons sit between D and K. So, the final arrangement is:

K sits third to the right G

S68. Ans.(a)
Sol. Four persons sit between A and B. C sits seventh to the left of B. D sits third to the right of C. G sits exactly between D and B. There are two possible cases.

The number of persons sit between G and C is same as the number of persons sit to the left of A. Case 2 will eliminate here. H sits second from one of the extreme ends of the row. Three persons sit between H and K. No one sits between B and K. More than two persons sit between D and K. So, the final arrangement is:

B sits exactly between A and H

S69. Ans.(d)
Sol. Four persons sit between A and B. C sits seventh to the left of B. D sits third to the right of C. G sits exactly between D and B. There are two possible cases.

The number of persons sit between G and C is same as the number of persons sit to the left of A. Case 2 will eliminate here. H sits second from one of the extreme ends of the row. Three persons sit between H and K. No one sits between B and K. More than two persons sit between D and K. So, the final arrangement is:

Two persons sit to the left of C
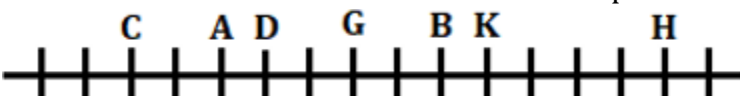
S70. Ans.(e)
Sol. Four persons sit between A and B. C sits seventh to the left of B. D sits third to the right of C. G sits exactly between D and B. There are two possible cases.

The number of persons sit between G and C is same as the number of persons sit to the left of A. Case 2 will eliminate here. H sits second from one of the extreme ends of the row. Three persons sit between H and K. No one sits between B and K. More than two persons sit between D and K. So, the final arrangement is:
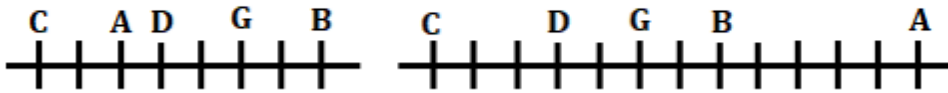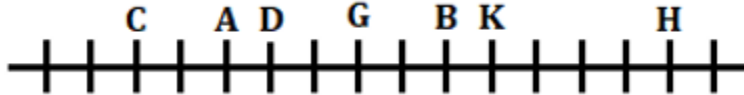

The number of persons sit between H and B is same as the number of persons sit between K and D
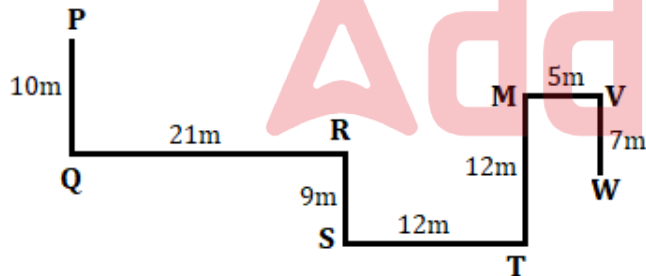
S71. Ans.(c)
Sol.
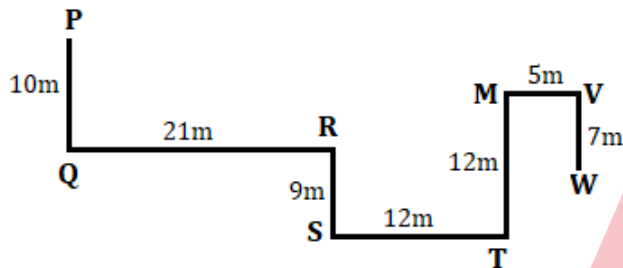
Point W is in south east direction with respect to point R
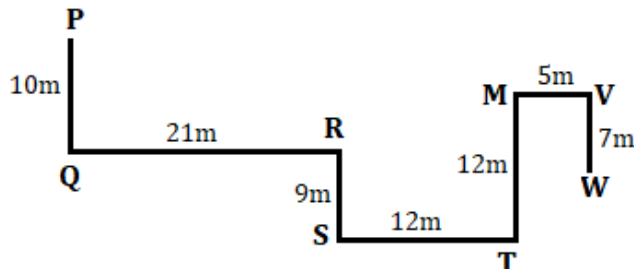
S72. Ans.(b)
Sol.

Shortest distance between point T and point V is 13m

S73. Ans.(a)
Sol.

First point is in north west direction with respect to second point except in option a

S74. Ans.(d)
Sol.

A U B E R G I N E

S75. Ans.(d)
Sol. K lives either on topmost floor or on bottommost floor. D lives east of K. We have two possible cases here. Three floors gap between D and H. H and K lives in the same flat. C lives to the west of A and both live on an odd numbered floor.

Floor	Flat P	Flat Q	Flat P	Flat Q
	Case 1		Case 2	
5	K	D	H	
4				
3	C	A	C	A
2				
1	H		K	D

J lives just below C in the same flat. L lives to the north-east of J. One floor gap between L and B. G lives on one of the floors which is below B's floor. Case 2 will eliminate here. So, the final arrangement is:

Floor	Flat P	Flat Q
5	K	D
4	E	L
3	C	A
2	J	B
1	H	G

Two floors are below the floor of A

S76. Ans.(c)
Sol. K lives either on topmost floor or on bottommost floor. D lives east of K. We have two possible cases here. Three floors gap between D and H. H and K lives in the same flat. C lives to the west of A and both live on an odd numbered floor.

Floor	Flat P	Flat Q	Flat P	Flat Q
	Case 1		Case 2	
5	K	D	H	
4				
3	C	A	C	A
2				
1	H		K	D

J lives just below C in the same flat. L lives to the north-east of J. One floor gap between L and B. G lives on one of the floors which is below B's floor. Case 2 will eliminate here. So, the final arrangement is:

Floor	Flat P	Flat Q
5	K	D
4	E	L
3	C	A
2	J	B
1	H	G

A lives just below the flat of L

S77. Ans.(a)
Sol. K lives either on topmost floor or on bottommost floor. D lives east of K. We have two possible cases here. Three floors gap between D and H. H and K lives in the same flat. C lives to the west of A and both live on an odd numbered floor.

Floor	Flat P	Flat Q	Flat P	Flat Q
	Case 1		Case 2	
5	K	D	H	
4				
3	C	A	C	A
2				
1	H		K	D

J lives just below C in the same flat. L lives to the north-east of J. One floor gap between L and B. G lives on one of the floors which is below B's floor. Case 2 will eliminate here. So, the final arrangement is:

Floor	Flat P	Flat Q
5	K	D
4	E	L
3	C	A
2	J	B
1	H	G

H lives to the west of G

S78. Ans.(b)
Sol. K lives either on topmost floor or on bottommost floor. D lives east of K. We have two possible cases here. Three floors gap between D and H. H and K lives in the same flat. C lives to the west of A and both live on an odd numbered floor.

Floor	Flat P	Flat Q	Flat P	Flat Q
	Case 1		Case 2	
5	K	D	H	
4				
3	C	A	C	A
2				
1	H		K	D

J lives just below C in the same flat. L lives to the north-east of J. One floor gap between L and B. G lives on one of the floors which is below B's floor. Case 2 will eliminate here. So, the final arrangement is:

Floor	Flat P	Flat Q
5	K	D
4	E	L
3	C	A
2	J	B
1	H	G

B lives on even numbered floor

S79. Ans.(e)
Sol. K lives either on topmost floor or on bottommost floor. D lives east of K. We have two possible cases here. Three floors gap between D and H. H and K lives in the same flat. C lives to the west of A and both live on an odd numbered floor.

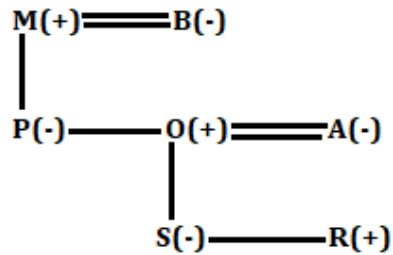| Floor	Flat P	Flat Q	Flat P	Flat Q
	Case 1		Case 2	
5	K	D	H	
4				
3	C	A	C	A
2				
1	H		K	D

J lives just below C in the same flat. L lives to the north-east of J. One floor gap between L and B. G lives on one of the floors which is below B's floor. Case 2 will eliminate here. So, the final arrangement is:

Floor	Flat P	Flat Q
5	K	D
4	E	L
3	C	A
2	J	B
1	H	G

Only K lives in flat P

S80. Ans.(a)
Sol.

M(+)══════B(-)
|
|
P(-)──────O(+)══════A(-)
|
|
S(-)──────R(+)

A is the mother of R

S81. Ans.(b)
Sol.

M(+)══════B(-)
|
|
P(-)──────O(+)══════A(-)
|
|
S(-)──────R(+)
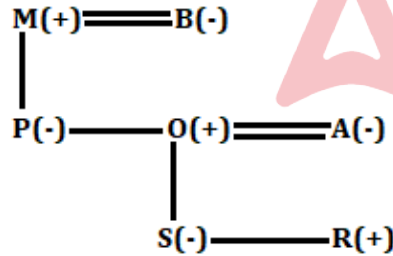
P is daughter of B

S82. Ans.(b)
Sol.

M(+)══════B(-)
|
|
P(-)──────O(+)══════A(-)
|
|
S(-)──────R(+)
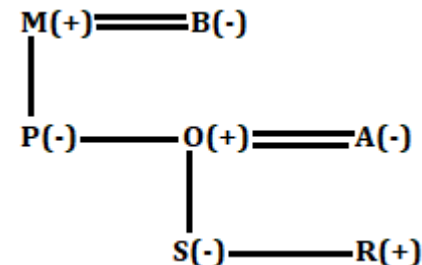
M is father-in-law of A

S83. Ans.(c)
Sol.
Two pencils are arranged between B and L
B > A > D > L > N

S84. Ans.(c)
Sol.
I. K=L (False)
II. S<K (False)

S85. Ans.(a)
Sol.
I. P < T (True)
II. B ≤ E (False)

S86. Ans.(d)
Sol. D was born four days before V. One person was born between D and E. T is just older to E. There are three possible cases.

Days	Persons		
	Case 1	Case 2	Case 3
Sunday			D
Monday		D	T
Tuesday	D	T	E
Wednesday	T	E	
Thursday	E		V
Friday		V	
Saturday	V		

Q was born after E but not just after. Case 1 will eliminate here. F is neither youngest not oldest person among all. L was born before F. More than one person was born between L and E. Case 3 will eliminate here. So, the final arrangement is:

Days	Persons
Sunday	L
Monday	D
Tuesday	T
Wednesday	E
Thursday	F
Friday	V
Saturday	Q

L was born on Sunday

S87. Ans.(a)
Sol. D was born four days before V. One person was born between D and E. T is just older to E. There are three possible cases.

Days	Persons		
	Case 1	Case 2	Case 3
Sunday			D
Monday		D	T
Tuesday	D	T	E
Wednesday	T	E	
Thursday	E		V
Friday		V	
Saturday	V		

Q was born after E but not just after. Case 1 will eliminate here. F is neither youngest not oldest person among all. L was born before F. More than one person was born between L and E. Case 3 will eliminate here. So, the final arrangement is:

Days	Persons
Sunday	L
Monday	D
Tuesday	T
Wednesday	E
Thursday	F
Friday	V
Saturday	Q

Two persons are younger to F

S88. Ans.(b)
Sol. D was born four days before V. One person was born between D and E. T is just older to E. There are three possible cases.

Days	Persons		
	Case 1	Case 2	Case 3
Sunday			D
Monday		D	T
Tuesday	D	T	E
Wednesday	T	E	
Thursday	E		V
Friday		V	
Saturday	V		

Q was born after E but not just after. Case 1 will eliminate here. F is neither youngest not oldest person among all. L was born before F. More than one person was born between L and E. Case 3 will eliminate here. So, the final arrangement is:

Days	Persons
Sunday	L
Monday	D
Tuesday	T
Wednesday	E
Thursday	F
Friday	V
Saturday	Q

Q is just younger to V

S89. Ans.(e)
Sol. D was born four days before V. One person was born between D and E. T is just older to E. There are three possible cases.

Days	Persons		
	Case 1	Case 2	Case 3
Sunday			D
Monday		D	T
Tuesday	D	T	E
Wednesday	T	E	
Thursday	E		V
Friday		V	
Saturday	V		

Q was born after E but not just after. Case 1 will eliminate here. F is neither youngest not oldest person among all. L was born before F. More than one person was born between L and E. Case 3 will eliminate here. So, the final arrangement is:

Days	Persons
Sunday	L
Monday	D
Tuesday	T
Wednesday	E
Thursday	F
Friday	V
Saturday	Q

T was born on Tuesday

S90. Ans.(e)
Sol. D was born four days before V. One person was born between D and E. T is just older to E. There are three possible cases.

Days	Persons		
	Case 1	Case 2	Case 3
Sunday			D
Monday		D	T
Tuesday	D	T	E
Wednesday	T	E	
Thursday	E		V
Friday		V	
Saturday	V		

Q was born after E but not just after. Case 1 will eliminate here. F is neither youngest not oldest person among all. L was born before F. More than one person was born between L and E. Case 3 will eliminate here. So, the final arrangement is:

Days	Persons
Sunday	L
Monday	D
Tuesday	T
Wednesday	E
Thursday	F
Friday	V
Saturday	Q

Saturday-F is incorrect

S91. Ans.(b)
Sol. ACTOR

S92. Ans.(c)
Sol.
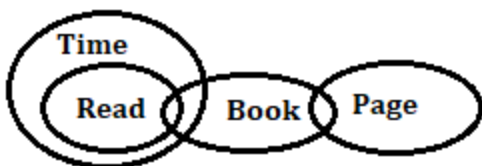
S93. Ans.(b)
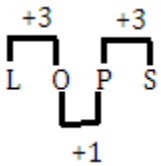**Sol.**
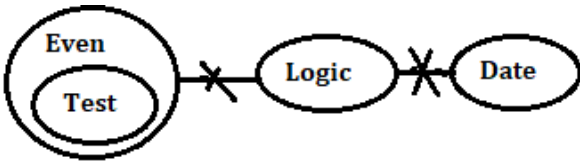
S94. Ans.(e)
Sol.

S95. Ans.(c)
Sol.

S96. Ans.(c)
Sol. Five boxes are placed between K and B. B is placed below K. P is placed three places above B. Same number of boxes are placed above and below P and J respectively. There are two possible cases.

Boxes	
Case 1	Case 2
K	
	K
P	J
J	P
B	
	B

The number of boxes placed between J and B is same as the number of boxes placed between P and M. Three boxes are placed between M and N. N is placed above O and below C. Case 1 will eliminate here. O is placed below L. So, the final arrangement is:

Boxes
M
C
K
J
N
P
L
O
B

Box C is placed 2nd from the top of the stack

S97. Ans.(c)
Sol. Five boxes are placed between K and B. B is placed below K. P is placed three places above B. Same number of boxes are placed above and below P and J respectively. There are two possible cases.

Boxes	
Case 1	Case 2
K	
	K
P	J
J	P
B	
	B

The number of boxes placed between J and B is same as the number of boxes placed between P and M. Three boxes are placed between M and N. N is placed above O and below C. Case 1 will eliminate here. O is placed below L. So, the final arrangement is:

Boxes
M
C
K
J
N
P
L
O
B

Four boxes are placed between box C and box L

S98. Ans.(d)
Sol. Five boxes are placed between K and B. B is placed below K. P is placed three places above B. Same number of boxes are placed above and below P and J respectively. There are two possible cases.

Boxes	
Case 1	Case 2
K	
	K
P	J
J	P
B	
	B

The number of boxes placed between J and B is same as the number of boxes placed between P and M. Three boxes are placed between M and N. N is placed above O and below C. Case 1 will eliminate here. O is placed below L. So, the final arrangement is:

Boxes
M
C
K
J
N
P
L
O
B

Box P is placed two places above box O

S99. Ans.(a)

Sol. Five boxes are placed between K and B. B is placed below K. P is placed three places above B. Same number of boxes are placed above and below P and J respectively. There are two possible cases.

Boxes	
Case 1	**Case 2**
K	
	K
P	J
J	P
B	
	B

The number of boxes placed between J and B is same as the number of boxes placed between P and M. Three boxes are placed between M and N. N is placed above O and below C. Case 1 will eliminate here. O is placed below L. So, the final arrangement is:

Boxes
M
C
K
J
N
P
L
O
B

Two boxes are placed below box L

S100. Ans.(b)

Sol. Five boxes are placed between K and B. B is placed below K. P is placed three places above B. Same number of boxes are placed above and below P and J respectively. There are two possible cases.

Boxes	
Case 1	Case 2
K	
	K
P	J
J	P
B	
	B

The number of boxes placed between J and B is same as the number of boxes placed between P and M. Three boxes are placed between M and N. N is placed above O and below C. Case 1 will eliminate here. O is placed below L. So, the final arrangement is:

Boxes
M
C
K
J
N
P
L
O
B

Box J box is placed exactly between box M and box L