Previous Paper : IBPS Clerk Prelims

ENGLISH LANGUAGE

Directions (Qs.1 to 7): In the given passage there are blanks, each of which has been denoted by (A), (B), (C), (D), (E), (F) and (G). Against each five options are suggested, one of which fits the blank appropriately. Please select the word that fits the blank appropriately and select that word as your answer.

If you are **(A)** up to work yearning to go back to bed, you're not alone. Nearly three quarters of the country's workers do so, a study by a staffing firm found, estimating that employee exhaustion **(B)** the economy billions annually. Some of the massive mistakes that professionals **(C)** to making while on the job included accidentally paying everyone twice and deleting a project that took 1,000 hours to assemble, **(D)** to the survey

The continued workload that workers have, the stress associated with it, has a lot to do with lack of sleep because they tend to take work home. Apart from the **(E)** on the business, it is simply bad for an individual's health to not get enough sleep. A good night's rest is how the body recovers and returns to a **(F)** state. About a third of working professionals suffer from sleep deprivation on a daily basis. Chronic sleep loss can **(G)** a person's health in many ways, including making you more susceptible to weight gain, high blood pressure, heart disease, diabetes and depression.

1. What will replace **(A)** in the passage?
   (1) arrive
   (2) showing
   (3) gone
   (4) come
   (5) walks

2. What will replace (**B**) in the passage?
   (1) spurns
   (2) profits
   (3) costs
   (4) downturns
   (5) declines

3. What will replace (**C**) in the passage?
   (1) thought
   (2) found
   (3) confessed
   (4) agreed
   (5) decided

4. What will replace (**D**) in the passage?
   (1) according
   (2) due
   (3) estimated
   (4) designed
   (5) hold

5. What will replace (**E**) in the passage?
   (1) impact
   (2) affect
   (3) problem
   (4) issue
   (5) risked

6. What will replace (**F**) in the passage?
   (1) fulfil
   (2) vulnerable
   (3) enriched
   (4) productive
   (5) barren

7. What will replace (**G**) in the passage?
   (1) falters
   (2) stressed
   (3) guides
   (4) improve
   (5) affect

Directions (8-13): In this question sentences is given, a part of which is highlighted in bold. Below the sentence, options have been given. Select the option which will make

the sentence grammatically and meaningfully correct. If the sentence is correct, mark 'No correction required' as your answer.

8. The possibility of failure is the biggest deterrent for **the trying avoiding** risks.
    (1) try for avoid
    (2) the trail to avoid
    (3) No correction required
    (4) the avoidance
    (5) those avoiding

9. A lot rides on the company we keep as the opinions of our peers affect the way **we deal with** circumstances.
    (1) No correction required
    (2) we deal by
    (3) having dealt with
    (4) to deal on
    (5) dealing with

10. The accessibility of Internet its reach in remote locations is **why reason it** so popular.
    (1) what makes it
    (2) why
    (3) No correction required
    (4) how result is
    (5) the reason for

11. There are only two locations **which accommodates** all the requirements of our guests.
    (1) No correction required
    (2) which meet
    (3) that understood
    (4) likely to accommodated
    (5) considerably evaluates

12. She could not **exit her children** out of sight even for a few hours.
    (1) let her children
    (3) like her children

(4) abandon the child
(4) forced for child
(5) No correction required

13. The author went to law school but **eventually dropped out** due to lack of interest.
   (1) mostly dropping
   (2) to dropped out
   (3) now dropping from
   (4) No correction required
   (5) will drops out

14. This question comprises three sentences (A), (B) and (C), each of which comprises a sentence using the word **OVER**. Identify the sentences(s) where the word has been correctly used and mark that combination/option as answer.
   (A) Over 50 per cent of the population is below the age of 35.
   (B) The two families fought bitterly over the land.
   (C) He is ready to take over the company.
   (1) All (A), (B) and (C)
   (2) Only (C)
   (3) Only (A)
   (4) Only (A) and (B)
   (5) Only (B) and (C)

15. This question comprises three sentences (A), (B) and (C), each of which comprises a sentence using the word **WAIT**. Identify the sentence(s) where the word has been correctly used and mark that combination/option as your answer.
   (A) Wait you options before investing.
   (B) How long must we wait?
   (C) The longer the wait time the less is the chance of recovery.
   (1) Only (A) and (C)
   (2) Only (C)
   (3) Only (B) and (C)
   (4) All (A), (B) and (C)
   (5) Only (A)

Directions (16-23): Read the following passage and answer the given questions. Certain words/phrases are given bold to help you locate them white answering some of the questions.

"What are friends for?" This isn't a rhetorical question. Friendship is one of life's most important features, and one too often taken for granted. The human desire for companionship may feel boundless, but research suggests that our social capital is finite—we can handle only so many relationships at one time. Social scientists have used a number of ingenious approaches to gauge the size of people's social networks; these have returned estimates ranging from about 250 to about 5,500 people. Looking more specifically at friendship, a study using the exchange of Christmas cards as a proxy for closeness put the average person's friend group at about 121 people.

However vast our networks may be, our inner circle tends to be much smaller. The average American trusts only 10 to 20 people. Moreover, that number may be shrinking: From 1985 to 2004, the average number of confidants that people reported having decreased from three to two. This is both sad and consequential, because people who have strong social relationships and friendship tend to live longer than those who don't. So what should you do if your social life is lacking? Here, too, the research is instructive. To begin with, don't dismiss the humble acquaintance. Even interacting with people with whom one has weak social ties has a meaningful influence on well-being. Beyond that, building deeper friendships may be largely a matter of putting in time. A recent study out of the University of Kansas found that it takes about 50 hours of socializing to go from acquaintance to casual friend, an additional 40 hours to become a "real" friend, and a total of 200 hours to become a close friend.

If that sounds like too much effort, reviving dormant social ties can be especially rewarding. Reconnected friends can quickly recapture much of the trust they previously built, while offering each other a dash of novelty drawn from whatever they've been up to in the meantime. Self-disclosure makes us more likable, and as a bonus, we are more inclined to like those to whom we have bared our soul.

16. What of the following is OPPOSITE in meaning to the word DEEPER as used in the passage?
   (1) lower
   (2) financial
   (3) transparent
   (4) hidden
   (5) secret

17. Way has the author used the sentence 'don't dismiss the humble acquaintance'?
   (1) to encourage us to be humble and never bear grudges
   (2) To caution us not to develop too many acquaintances
   (3) To urge us to befriend those who are not financially well off
   (4) None of the given options
   (5) To encourage us to limit our social circles

18. According to the passage, which of the following can be said about friendship?
   (A) It is beneficial for one's wellbeing.
   (B) Studies show that having meaningful friendships increases one's lifespan.
   (C) We have the capacity to handle an unlimited number of friendships.
   (1) Only (B)
   (2) Only (A) and (B)
   (3) Only (A)
   (4) None of (A), (B) and (C)
   (5) Only (B) and (C)

19. Which of the following can be said based on the statistics in the passage?
   (A) The size of social circle varies.
   (B) Americans are very social and, of all nationalities, have the largest number of friendships.
   (C) Over tome the number of close relationships is increasing thanks to social media.
   (1) Only (B) and (C)
   (2) Only (C)
   (3) Only (A)
   (4) All (A), (B) and (C)
   (5) Only (A) and (B)

20. Which of the following does the author advice?
   (1) Make friends
   (2) Hake a boundless social circle
   (3) Avoid acquaintances and have real friends
   (4) The value of friendship is exaggerated.
   (5) Reigniting dormant friendships is a waste of time.

21. Which of the following is the SAME in meaning as the word DASH used in the passage?
   (1) hurry
   (2) little bit
   (3) run
   (4) discourage
   (5) completely ruin

22. Which of the following is true in the context of the passage?
   (1) All the given options are true
   (2) We often fail to properly appreciate friendship.
   (3) Self-disclosure is risky as people will betray you.
   (4) We should not devote much time to acquaintances as these relationships are not important.
   (5) We resent those we have confided in as they know our vulnerabilities.

23. Which of the following was/were the conclusions of the University of Kansas study cited in the passage?
   (1) People have vast social networks today.
   (2) We are not wired to have too many close relationships at a time.
   (3) All the given options can be concluded.
   (4) By devoting time one can deepen a friendship.
   (5) Most people do not realize the value of friends and family.

Directions (24-29): In this question, a sentence has been divided into four parts denoted by (A), (B), (C) and (D). Read the sentence to find out if there is any grammatical error in it. The error, if any, will be in one part of the sentence. Mark that part as your answer. If there is No error in the sentence, mark 'No error' as your answer.

24. The anecdote shared (A)/ by the main speaker (B)/ provided some light relief (C)/ at the conference (D).
   (1) (C)
   (2) No error
   (3) (D)
   (4) (B)
   (5) (A)

25. The candidate's 'teamwork' skills (A)/ and determination convinced (B)/ the recruiters that he was (C)/ perfect to the job (D).
    (1) (B)
    (2) (A)
    (3) (D)
    (4) (C)
    (5) No error

26. It is good ideas (A)/ to study the culture (B)/ and language of the country (C)/ you are going to visit (D).
    (1) (A)
    (2) (D)
    (3) (C)
    (4) (B)
    (5) No error

27. There has been a hostile (A)/ reaction to the (B)/ government's propose increase (C)/ in petrol prices (D).
    (1) (A)
    (2) No error
    (3) (B)
    (4) (C)
    (5) (D)

28. The security staff (A)/ went to extremely to (B)/ ensure the safety of (C)/ the ministers at the summit (D).
    (1) (D)
    (2) (A)
    (3) (C)
    (4) (B)
    (5) No error

29. The minster promised (A)/ a written response (B)/ to the journalist's (C)/ question regarding a polls (D).
    (1) (A)
    (2) (C)
    (3) (B)

(4) (D)

(5) No error

30. The question comprises three sentences (A), (B) and (C), each of which comprises a sentence using the word DUE. Identify the sentence(s) where the word has been correctly used and mark that combination/option as your answer.

(A) The nest round of talks is not due till January.

(B) We must pay him his dues.

(C) Do your due diligence before investing.

(1) All (A), (B) and (C)

(2) Only (B) and (C)

(3) Only (A)

(4) Only (A) and (B)

(5) Only (B)

QUANTITATIVE APTITUDE

31. The 900 shirts were produced on Monday and Tuesday together. 5% and 4% of shirts produced on Monday and Tuesday respectively were defective. If the numbers of defective shirts produced on both days were equal, how many shirts were produced on Tuesday?

(1) 500

(2) 300

(3) 400

(4) None of those given as options

(5) 600

32. Jar A contained a mixture of milk and water in the ratio of 5 : 1. The difference between the quantities of milk and water in Jar A was 32 liters. If 12 liters of mixture was taken out and 1.5 liters water added to Jar A, then what would be the new ratio of the quantity of milk to that of water in Jar A?

(1) 11 : 2

(2) 3 : 1

(3) None of those given as options

(4) 9 : 2

(5) 4 : 1

33. When a two-digit number (X) is reversed, the number so formed is 63 more than X. If the sum of digits of X is 11 then what is the value of 'X + 21'?
(1) 48   (2) 44   (3) 40   (4) 50   (5) 52

34. A and B stated a business with initial investments in the ratio of 3 : 1. At the end of 8 months from the start of business, A left. If B received ₹ 8000 as his share of the annual profit, what was the annual profit? (in ₹)
(1) 25000
(2) 24000
(3) 32000
(4) 20000
(5) 30000

35. Bhim invested 28% of his monthly salary of ₹ 40000 in mutual funds. He spent the remaining salary in the ratio of 1 : 4 : 3 towards house rent, groceries and medical expenses respectively. What was the difference between the amount invested in mutual funds and that spent towards groceries? (in ₹)
(1) 3200
(2) 4000
(3) 2400
(4) 2800
(5) 3600

Directions (36-47): What will come in place of question mark (?) in the given question?

36. ? % of $600 + 2^6 = 400$
(1) 56   (2) 52   (3) 58   (4) 48   (5) 64

37. $3300 \div ? + \sqrt{961} = 75$
(1) 60   (2) 75   (3) 50   (4) 30   (5) 55

38. $9\frac{7}{12} - ? + 1\frac{1}{6} = 4\frac{1}{2}$
(1) $6\frac{2}{3}$ (2) $6\frac{1}{4}$ (3) $5\frac{5}{6}$ (4) $6\frac{1}{2}$ (5) $6\frac{1}{3}$

39. $186 \times 1.5 - 3^4 = ? + 56$

(1) 138　　　(2) 148　　　(3) 142　　　(4) 152　　　(5) 150

40. $\dfrac{900 - 8^3}{4} = ?$

(1) 95　　　(2) 99　　　(3) 98　　　(4) 94　　　(5) 97

41. 84% of $500 - 25\%$ of $? = 350$

(1) 280　　　(2) 160　　　(3) 320　　　(4) 200　　　(5) 240

42. $\dfrac{\sqrt{729}}{? + 3^3} = 0.54$

(1) 23　　　(2) 41　　　(3) 27　　　(4) 33　　　(5) 16

43. $96 - 14 \times 6 + 2 \times ? = 28$

(1) 5　　　(2) 8　　　(3) 7　　　(4) 9　　　(5) 6

44. $\dfrac{5}{27 - ?} - \dfrac{1}{4} = \dfrac{3}{8}$

(1) 11
(2) 23
(3) None of those as options
(4) 15
(5) 19

45. $\dfrac{? + 2.8 + 5.6}{3.5 - 2.1}$　15

(1) 12.6　　　(2) 12.8　　　(3) 13.6　　　(4) 11.4　　　(5) 10.8

46. $2^{10} \div 2^? \div 2^{14} = \sqrt{256}$

(1) None of those given as options
(2) 4　　　(3) -4　　　(4) -8　　　(5) -6

47. $(63 - ?) \times 15 = 210$

(1) 43　　　(2) 39　　　(3) 49　　　(4) 47　　　(5) 51

48. If the diagonal of a square of perimeter 60 cm is equal to the length of a rectangle (R) and R's breadth is $10\sqrt{2}$ cm, what is R's area? (in cm²)

(1) 300　　　(2) 600　　　(3) 150　　　(4) $150\sqrt{2}$　　　(5) $300\sqrt{3}$

49. Working together, A and B can compete a given task in 24 days. If the efficiencies of A and B are in the ratio of 3 : 2 then in how many days can B alone complete half of the task?
(1) 10   (2) 18   (3) 30   (4) 20   (5) 15

50. Ram purchased an item at ₹3200 after getting two successive discounts of 20%. How much more would he have saved, had he got a flat discount of 40%? (in₹)
(1) 100   (2) 200   (3) 600   (4) 500   (5) 400

Directions (51-55): Study the following table and answer the given questions.

Data regarding number of books
Sold by 4 stores in 4 moths

Months Stores	April	May	June	July
A	120	90	95	75
B	82	96	59	70
C	89	117	94	65
D	62	80	66	100

51. What was the ratio of the number of books sold by Store D in June to the total number of books sold by Store A and B together in the same moths?
(1) 2 : 5   (2) 5 : 8   (3) 3 : 7   (4) 4 : 7   (5) 9 : 14

52. The number of books sold by Store C in May was what per cent more than sold by Store C in July?
(1) 125   (2) 115   (3) 180   (4) 75   (5) 80

53. Out of the books sold by store B in May, if $\frac{1}{4}$ had defects then how many books did not have defects?
(1) 60   (2) 64   (3) 80   (4) 72   (5) 68

54. What was the difference between the total number of books sold by Store D in May and July together and that sold by Store A in the same moths together?
(1) 40   (2) 30   (3) 45   (4) 55   (5) 35

55. What was the average number of books sold by Store A, B and C in April?
(1) 99   (2) 97   (3) 94   (4) 95   (5) 98

56. If speed of a stream is 2.5 km/hr and speed of a boat (in still water) is 900% more than the speed of a stream, what distance will the boat cover in 4 hours moving upstream?
(1) 90 km
(2) 110 km
(3) 80 km
(4) 85 km
(5) 100 km

Directions (57-59): Study the following information carefully and answer the given questions:

Data regarding number of pairs of shoes (gents' and ladies') sold on 2 days (Saturday, Sunday) by a shopkeeper.

50 pairs of gents' shoes were sold on Sunday, which was 25% of the total number of pairs of shoes (gents + ladies) sold on both days together. The total number of pairs of ladies' shoes sold on both days together was 60% of that of gents' shoes sold on both days together. The number of pairs of ladies' shoes sold on Sunday was 5 less than that sold on Saturday.

57. On Monday, if the number of pairs of shoes (gents + ladies) sold was 25 less than that sold on Sunday then how many pairs of shoes (gents + ladies) were sold on Monday?
(1) None of those given as options
(2) 70
(3) 60
(4) 90
(5) 100

58. On Saturday, what was the ratio of the number of pairs of gents' shoes sold to that of ladies' shoes sold?
(1) 15 : 8   (2) 9 : 4   (3) 15 : 7   (4) 25 : 8   (5) 5 : 2

59. On Sunday, if each pair of gents' shoes was sold at ₹400 on an average then what was the revenue earned by selling gents' shoes on Sunday? (in ₹)
(1) 30000   (2) 24000   (3) 12000   (4) 20000   (5) 16000

Directions (60-64): What will come in place of question mark (?) in the given number series?

60. 5 40 280 1680 8400 ?
(1) 33800   (2) 32800   (3) 33600   (4) 34400   (5) 33200

61. 20 10 15 10 15 30 ?
(1) 105   (2) 60   (3) 90   (4) 120   (5) 75

62. 5 4 6 15 ? 275
(1) 60   (2) 45   (3) 52   (4) 64   (5) 56

63. 30 31 27 36 20 ?
(1) 55   (2) 45   (3) 60   (4) 42   (5) 40

64. 400 394 376 346 ? 250
(1) 304   (2) 298   (3) 394   (4) 292   (5) 302

65. Ram covered a total distance of 125 km by car and motorcycle. The car's speed was 50% more than the motorcycle's and the time taken to travel by car and that by motorcycle was equal. What distance (in km) did Ram cover by motorcycle?
(1) 60   (2) 64   (3) 50   (4) 90   (5) 75

REASONING ABILITY

Directions (66-70): The given questions are based on the following five three-digit numbers:

417 258 326 738 681

66. If the position of the first and the third digits within each number are interchanged, which number thus formed will be the second largest number?
(1) 738   (2) 326   (3) 258   (4) 417   (5) 681

67. If in each of the given numbers all the digits are arranged in descending order within the number, what will be the sum of all the three digits of the second lowest number thus formed?
(1) 15   (2) 14   (3) 11   (4) 13   (5) 12

68. In how many of the given numbers, the sum of the first and the third digit is less than the second digit?
(1) Three
(2) None
(3) More than three
   (4) One
(5) Two

69. If 1 is subtracted from all the even digits and 2 is added to all the odd digits in all the given numbers, in how many numbers thus formed will a digit appear twice?
(1) None
(2) More than three
(3) Three
(4) One
(5) Two

70. What will be the product of the first digit of the second highest number and the second digit of the third lowest number?
(1) 32   (2) 21   (3) 24   (4) 6   (5) 16

71. If all the digits in the number 728195346 are arranged in descending order within the number, the position/s of how many digits will remain unchanged?
(1) More than three
(2) None
(3) One
(4) Three
(5) Two

Directions (72-75): In this question, relationship between different elements is shown in the statements. The statements are followed by conclusions, Study the conclusions based on the given statement and select the appropriate answer.
   (1) One conclusion **I** is true.

(2) Only Conclusion **II** is true.
(3) Either conclusion **I** or **II** is true.
(4) Both conclusion **I** and **II** are true.
(5) Neither conclusion **I** nor **II** is true.

72. Statement: Q > W > E > R = T < Y
Conclusions: **I**. Q > R   **II**. R < Y

73. Statement: F = G < H < J > K > L
Conclusions: **I**. H < L   **II**. J > F

74. Statement: X < C < V < B < N;T < V > H
Conclusions: **I**. C < H   **II**. X > B

75. Statement: X < C < V < B < N;T < V > H
Conclusions: **I**. T < N   **II**. N > C

76. Five people A, B, C, D and E are sitting in a straight line facing north. B sits at an extreme end of the line. Only two people sit between B and E. Only one person sits between E and A. D sits on the immediate right of A. What is the position of C with respect to D?
(1) Second to the right
(2) Immediate right
(3) Third to the left
(4) Second to the left
(5) Cannot be determined

Directions (77-81): Study the given information carefully to answer the given questions.
In a certain code language, 'speak to higher authority' is written as 'rv jo ma tc', 'to value all leaders' is written as 'yd al rv ke', 'leaders speak higher' is written as 'ma tc al' and 'higher above all conditions' is written as 'ke ma nz wh'. (All the codes are two-letter codes only)
77. What does the code 'ma' stand for in the given code language?
(1) higher   (2) to   (3) leaders (4) all   (5) speak

78. What does the code 'nz' stand for in the given code language?

(1) higher
(2) Either 'higher' or 'all'
(3) leaders
(4) Either 'conditions' or 'above'
(5) to

79. What is the code for 'authority' in the given code language?
    (1) tc   (2) ma   (3) ke   (4) rv   (5) jo

80. Which of the-following represents the code for 'value speak' in the given code language?
    (1) tc yd   (2) al tc   (3) ke al   (4) yd rv   (5) rv ke

81. Which of the following may represent the code for 'all authority given' in the given code language?
    (1) sb jo ke
    (2) jo ma sb
    (3) ke jo wh
    (4) wh ke ma
    (5) al sb rv

Directions (82-86): Study the following arrangement carefully and answer the questions:

M 5 W * A 9 7 + R ¥ Q € J © N β D & 4 # H @ 2 × 8 U % 6 S L Z

82. If all the symbols are dropped from the given arrangement then which will be the eleventh element from the right end of the given arrangement?
    (1) D   (2) N   (3) B   (4) 4   (5) &

83. Which of the following is eighth element to the left of the fourteenth element from the left end of the given arrangement?
    (1) 9   (2) *   (3) +   (4) R   (5) 7

84. How many numbers are there in the given series between the fifth element from the left end and the tenth element from the right end?
    (1) More than three
    (2) Three
    (3) Two

(4) None
(5) One

85. Four of the following five are alike in a certain way based on the given arrangement and so form a group. Which one of them does not belong to the group?
(1) 4H#   (2) %S6   (3) *94   (4) Q€¥   (5) MW5

86. How many such symbols are there in the given arrangement, each of which is immediately followed by a letter and also immediately preceded by a number?
(1) Three
(2) One
(3) More than four
(4) Two
(5) Four

Directions (87-90): Study the given information carefully to answer the given questions.

Point C is 9m to the east of Point D. Point C is 17m to the south of Point E. Point F is 5m to the west of Point E. Point G is 25m to the south of Point F. Point G is the midpoint of the straight line formed by joining points H and M. Point M is 10m to the east of Point G. Point N is 8m to the north of Point H.

87. Point Z is 5m to the east of Point C. How far and in which direction is point Z with respect to Point M?
(1) 8m towards north
(2) 8m towards south
(3) 9m towards south
(4) 9m towards west
(5) 10m towards north

88. In which direction is Point H with respect to Point E?
(1) West
(2) South
(3) Southwest
(4) Southeast
(5) Northeast

89. Point T is to the east of Point E and also to the north of Point M. Which of the following represents the sum of the lengths of the lines formed by joining Points FT and Points HG?
(1) 30m   (2) 20m   (3) 15m   (4) 40m   (5) 35m

90. What is the distance between points N and D?
(1) 6m   (2) 5m   (3) 9m   (4) 10m   (5) None of these

91. K is the mother of P. P is daughter of S. U is the father of S and T. T is uncle of D. How is D related to S?
(1) Cannot be determined
(2) Niece
(3) Son-in-law
(4) Daughter-in-law
(5) Father

Directions (92-96): Study the given information carefully to answer the given questions.
Eight persons G, H, I, J, K, L, M and N graduated in eight different months of the same year, viz February, April, May, June, July, September, November and December.
(Note: No other person graduated in any other moth of the given year.)
K graduated in a month having only 30 days in one of the months before July. Only three people graduated between K and M. H graduated immediately before M. Only two people graduated between H and N. As many people graduated after N as before L. J graduated immediately after I.

92. How many people graduated between G and J?
(1) Three
(2) None
(3) One
(4) More than three
(5) Two

93. In which of the following months did I graduate?
(1) July
(2) September
(3) April

(4) May

(5) February

94. Who amongst the following graduated immediately before L?

(1) No one   (2) I   (3) M   (4) G   (5) K

95. Which of the following statements is true as per the given arrangement?

(1) None of the given statements is true

(2) M graduated in December.

(3) N graduated immediately after G.

(4) Only one person graduated between K and L.

(5) H graduated in a month having only 30 days.

96. M is related to June and I is related to February following a certain pattern based on the given arrangement. To which of the following is N related following the same pattern?

(1) December

(2) July

(3) November

(4) September

(5) April

97. How many such pairs of letters are there in the word FAMILIAR, each of which has as many letters between them in the word (in both forward and backward directions) as they have between them in the English alphabetical order?

(1) One

(2) Two

(3) Three

(4) More than three

(5) None

Directions (98-100): Study the following information and answer the questions.

A certain number of people are sitting in a straight line facing north. A sits second to the left of D. Only five people sit between A and J. P sits to the immediate right of J. P sits third from one of the extreme ends of the line. As many people sit between P and D as between A and S. S sits at one of the positions to the left of A. Only one person sits to the left of S.

98. Only one person sits between P and T. What is T's position with respect to D?
(1) Second to the right
(2) Cannot be determined
(3) Second to the left
(4) Fourth to the right
(5) Fourth to the left

99. How many people are sitting in the given line?
(1) 14   (2) 16   (3) 9   (4) 13   (5) 10

100. Which of the' following is true with respect to the given arrangement?
(A) J sits at one of positions to the right of A.
(B) More than seven people sit between S and D.
(C) D sits fourth to the right of J.
(1) Only C
(2) Both B and C
(3) Only A
(4) All A, B and C
(5) Both A and B