



**VENKIS
COACHING**

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SBI Clerk Pre

Read the following instructions carefully before you begin to attempt the questions.

INSTRUCTIONS TO CANDIDATE

- (1) This booklet contains **100 Questions** in all comprising the following **Three** parts.
 - Part-(I) : Reasoning Ability (35 Questions)**
 - Part-(II) : Quantitative Aptitude (35 Questions)**
 - Part-(III) : English Language (30 Questions)**
- (2) All the questions are compulsory and carry equal marks.
- (3) Before you start to attempt the questions, you must explore this booklet and ensure that it contains all the pages and find that no page is missing or replaced. If you find any flaw in this booklet, you must get it replaced immediately.
- (4) **Each question carries negative marking also as 0.25 mark will be deducted for each wrong answer.**
- (5) You will be supplied the Answer-sheet separately by the invigilator. You must complete the details of Name, Roll number, Test name/Id and name of the examination on the Answer-Sheet carefully before you actually start attempting the questions. You must also put your signature on the Answer-Sheet at the prescribed place. These instructions must be fully complied with, failing which, your Answer-Sheet will not be evaluated and you will be awarded 'ZERO' mark.
- (6) Answer must be shown by completely blackening the corresponding circles on the Answer-Sheet against the relevant question number by **Black/Blue ball pen** only.
- (7) A machine will read the coded information in the OMR Answer-Sheet. In case the information is incompletely/ different from the information given in the application form, the candidature of such candidate will be treated as cancelled.
- (8) The Answer-Sheet must be handed over to the Invigilator before you leave the Examination Hall.
- (9) Failure to comply with any of the above Instructions will make a candidate liable to such action/penalty as may be deemed fit.
- (10) Answer the questions as quickly and as carefully as you can. Some questions may be difficult and others easy. Do not spend too much time on any question.
- (11) Mobile phones and wireless communication device are completely banned in the examination halls/rooms. Candidates are advised not to keep mobile phones/any other wireless communication devices with them even switching it off, in their own interest. Failing to comply with this provision will be considered as using unfair means in the examination and action will be taken against them including cancellation of their candidature.
- (12) No rough work is to be done on the Answer-Sheet.
- (13) No candidate can leave the examination hall before completion of the exam.

NAME OF CANDIDATE:.....
 DATE :..... CENTRE CODE :.....
 ROLL No

Maximum Marks	:	100
Total Questions	:	100
Time Allowed	:	60 Min.

DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE TOLD TO DO SO

SBP-909184080-E

Reasoning Ability

1. Six plants- O, P, Q, R, S, and T are planted in a row as per their heights. R is taller than only two plants. Q is shorter than S but taller than R. O is taller than P, which is not the shortest plant. Q is taller than O. How many plants are shorter than O?
- (A) Two (B) One
(C) Four (D) Three
(E) None of the above

Directions [02-05]: Seven persons- Adil, Charu, Dilip, Gima, Hetal, Ishan and Jiten work in a Publishing company at different designations. The designations in increasing order are Assistant Editor, Editor, Managing Editor, Design Assistant, Designer, Head of Design and Manager such that Manager is the seniormost person and Assistant Editor is the juniormost person. Charu is immediate senior to Adil but junior to Dilip. Only three persons are senior to Dilip. Neither Gima nor Jiten is the seniormost person. The number of persons junior to Adil is same as the number of persons senior to Jiten. Ishan is junior to Gima.

2. Who among the following is the seniormost person?
(A) Adil (B) Hetal
(C) Charu (D) Gima
(E) Jiten
3. What is the designation of Gima?
(A) Assistant Editor (B) Head of Design
(C) Managing Editor (D) Designer
(E) Manager
4. How many persons are junior to Ishan?
(A) None (B) 2
(C) 3 (D) 1
(E) More than 3
5. Adil is immediate senior to _____.
(A) Gima (B) Hetal
(C) Dilip (D) Ishan
(E) Jiten

Directions [06-08]: Study the following information carefully and answer the questions given below:

Starting from point A, Radha moves 12m in the north direction. She then turns to her left and moves 8m to reach point B. Point Y is 3m to the south of point B. From point B, she moves 20m to the west to reach point C. She then turns to her right and moves 15m and stops at point D. Point E is to the north and east of point A and point Y, respectively.

6. Point D is located towards the _____ of point E.
(A) Northeast (B) Southwest
(C) Northwest (D) North
(E) Southeast
7. What is the approximate shortest distance between point Y and point A?
(A) 10m (B) 15m
(C) 6m (D) 12m
(E) 16m

8. If point Z is 18m to the north of point E, then what will be the distance between point D and point Z?
(A) 25m (B) 28m
(C) 26m (D) 27m
(E) 30m

Directions [09-13]: Ajay visited eight different places viz. Aquarium, Beach, Cathedral, Garden, Library, Museum, Palace and Zoo on eight different dates 4, 8, 12 and 16 of the months either March or June of the same year. Museum and the garden were visited on the same date. Three places were visited between the palace and the library. Beach and the museum were not visited in the same month. Two places were visited between the palace and the aquarium and both these places were not visited in March. Only one place was visited between the cathedral and the museum. Garden and Library were visited in adjacent slots.

9. Which was the last place visited by Ajay?
(A) Palace (B) Cathedral
(C) Aquarium (D) Zoo
(E) Garden
10. Zoo was visited on _____.
(A) 8th March (B) 12th June
(C) 8th June (D) 13th June
(E) 4th March
11. Select the option which shows the pair of places visited in the same month.
(A) Palace - Beach (B) Cathedral - Zoo
(C) Aquarium - Garden (D) Library - Beach
(E) Cathedral - Palace
12. The _____ was visited on 8th March.
(A) Museum (B) Aquarium
(C) Garden (D) Library
(E) Zoo
13. Select the odd one out.
(A) Cathedral (B) Aquarium
(C) Palace (D) Zoo
(E) Museum

Directions [14-16]: Answer the questions based on the information given below.

In a certain code language,
I. 'travel distance is long' is coded as 'mip, tel, jes, ser'
II. 'journey from far enough' is coded as 'nem, per, kep, oer'
III. 'far long settle' is coded as 'nem, tel, qem'
IV. 'from distance rough' is coded as 'mip, kep, zey'

14. What is the code for the word 'is enough' in the given code language?
(A) ser oer (B) ser jes
(C) jes per (D) Cannot be determined
(E) Either 'A' or 'C'
15. Which word is coded as 'qem zey' in the given code language?
(A) far rough (B) far enough
(C) settle rough (D) rough is
(E) from settle

16. If 'travel repeat from' is coded as 'ser, klo, kep' in the given code language then how can 'is distance double' coded in the given code language?
 (A) ser, mip, klo (B) jes, mip, lik
 (C) jes, mip, klo (D) ser, mip, qem
 (E) jes, mip, nem

Directions [17-19]: Study the following words carefully and answer the questions:

FEAR MATE CROW TALE DEAR

Note: The 1st, 2nd, 3rd, and 4th letter is taken from left end.

17. If all the words are arranged in dictionary order from left end, then which word is third from the right end?
 (A) MATE (B) DEAR
 (C) FEAR (D) TALE
 (E) CROW
18. If first and third letter of each word is interchanged, then how many meaningful English words can be formed after the rearrangement?
 (A) Three (B) One
 (C) Four (D) Two
 (E) None of the above
19. How many letters are there between second letter of third word from left end and second letter of first word from right end in the English alphabetical series?
 (A) 11 (B) 12
 (C) 13 (D) 10
 (E) None of the above

Directions [20-23]: Seven students P, Q, R, S, T, U and V study in three different colleges namely, College A, College B and College C. At least two students study in each college. Neither P nor Q studies in College B. Q and T study in the same college and no other student studies in that college. Three students study in college C. R studies in college B. Neither P nor U studies in college A. U does not study in college C.

20. Who among the following studies in college C?
 (A) P (B) S
 (C) V (D) All of the above
 (E) None of the above
21. In which college does T study?
 (A) College C (B) College A
 (C) College B (D) Either (A) or (B)
 (E) Either (B) or (C)
22. Who among the following studies in the same college in which R studies?
 (A) U (B) T
 (C) P (D) S
 (E) None of the above
23. Which of the following combination is correct?
 (A) P, College A (B) Q, College B
 (C) S, College C (D) T, College B
 (E) V, College A
24. In the following question the relationship between different elements is given in the statements followed

by three conclusions I, II and III. Read the statements carefully and mark your answer accordingly.

Statements: $M > J > U = Y \leq T \leq W > O > G, X < V \leq G$

Conclusions: I. $W > V$ II. $T > J$ III. $U > X$

- (A) Only conclusion II is true
 (B) Only conclusion I is true
 (C) Only conclusions I and III are true
 (D) Either conclusion I or III is true
 (E) Only conclusion III is true

25. In the question, assuming the given statements to be true, find which of the conclusion (s) among given three conclusions is /are definitely true and then give your answer accordingly.

Statements: $Z < U \geq V; X \geq T \geq R; R \geq W > U$

Conclusions: I. $X \geq U$ II. $Z > T$ III. $V \leq X$

- (A) Only conclusion I is true
 (B) Either conclusion II or III is true
 (C) Only conclusions I and III are true
 (D) None of these conclusions are true
 (E) Only conclusions II and III are true

26. In the question given below, two statements are given followed by conclusions: I, II and III. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read the conclusions and decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

Statements: Only a few pictures are motifs.

Only a few graphics are motifs.

Conclusions: I. Some graphics are definitely not motifs.

II. Some pictures are graphs.

III. All pictures can never be motifs.

- (A) Either I or III follows
 (B) Only I and III follows
 (C) All of I, II and III follow
 (D) Only II and III follow
 (E) Only III follows

27. In the following question, two statements are given, and two conclusions are given below these statements. Choose the option which shows the conclusions which logically follow from the given statements, disregarding commonly known facts.

Statements: No bottles are glasses.

Only a few glasses are flasks.

Conclusions: I. Some glasses are bottles.

II. All flasks can be bottles.

- (A) Only I follows (B) Only II follows
 (C) Either I or II follows (D) Neither I nor II follow
 (E) Both I and II follow

Directions [28-30]: Certain number of people were seated in a linear row facing north. Information about only some of them is known. No three people whose information is known were seated adjacent to each other. E was seated to the right of B but not adjacent. Number of people seated to the left of C was one more than thrice the number of people seated to the right of C. Six people were seated between E and D. 11 people were seated between A and B where B was to the right of A and neither of them were seated at the end. There were not more than 19 people seated in the row. Number of people

seated between F and D was twice the number of people seated between F and A. G was second to the right of F.

28. How many people were seated to the right of G?
(A) 7 (B) 11
(C) 8 (D) 10
(E) none of these
29. How many people were seated in the row?
(A) 13 (B) 14
(C) 15 (D) more than 16
(E) 16
30. How many people were seated between E and G?
(A) 7 (B) 10
(C) 12 (D) none of these
(E) 5

Directions [31-35]: Answer the questions based on the information given below:

Eight boxes- C, D, E, F, G, H, I, and J are kept one above the another such that bottommost box is numbered as 1 while the topmost box is numbered as 8 but not necessarily in the same order.

C is a prime numbered box. F is kept immediately below C. At least three boxes are kept below F. D is kept two boxes above E. Only four boxes are kept between H and E. H is kept on an even numbered box. As many boxes are kept above J as below I. J is kept above I.

31. How many boxes are kept above Box D?
(A) Three (B) Five
(C) Four (D) None
(E) Cannot be determined
32. Box _____ is kept below Box F.
(A) I (B) H
(C) E
(D) Both option 'A' and option 'C'
(E) J
33. As many boxes are kept above Box _____ as below Box _____.
I. C, F II. E, F III. D, H
(A) Only I and II (B) Only I
(C) Only II and III (D) Only I and III
(E) All I, II and III
34. Following boxes are related to one another in some way. Find the odd one out.
(A) J (B) C
(C) F (D) D
(E) I
35. If all the boxes are arranged in alphabetical order from bottom to top, then positions of which among the following box/boxes remain unchanged?
(A) Box E
(B) Both option 'C' and option 'E'
(C) Box F
(D) Both option 'A' and option 'C'
(E) Box H

Quantitative Aptitude

36. The length and breadth of a rectangle is 24 cm and 7 cm, respectively. The height of a cylinder is equal to the diagonal of the rectangle, and the ratio of its radius to height is 7:5. Find the curved surface area of the cylinder.
(A) 4800 cm² (B) 5400 cm²
(C) 5100 cm² (D) 5500 cm²
(E) 4900 cm²
37. In the questions, two equations I and II are given. You have to solve both the equations to establish the correct relation between x and y and choose the correct option.
I. $x^2 - 15x + 54 = 0$ II. $y^2 - 20y + 96 = 0$
(A) $x > y$ (B) $x < y$
(C) $x = y$ or the relationship cannot be established
(D) $x \geq y$ (E) $x \leq y$
38. In the questions, two equations I and II are given. You have to solve both the equations to establish the correct relation between x and y and choose the correct option.
I. $x^2 - 25x + 156 = 0$ II. $y^2 - 3y - 54 = 0$
(A) $x > y$ (B) $x < y$
(C) $x = y$ or the relationship cannot be established
(D) $x \geq y$ (E) $x \leq y$
39. What approximate value should come in place of the question mark?
 $\sqrt{1023.87} - ? \times 4.132 + 120.22 \times 3.99 = 0$
(A) 128 (B) 122
(C) 118 (D) 112
(E) 132
40. What approximate value should come in place of the question mark?
 $80.02 \times \frac{3.89}{29.88} \times 14.78 + 65.99 = ? \times 1.98$
(A) 108 (B) 113
(C) 118 (D) 123
(E) 128
41. 'A' and 'B' have certain sum in the ratio 7:5, respectively. If 'A' invested his sum for 5 years at simple interest of 24% p.a. and received an interest of ₹3360, then find the amount 'B' will receive when he invests his sum for 2 years at compound interest of 50% p.a., compounded annually.
(A) ₹3600 (B) ₹3000
(C) ₹4500 (D) ₹4200
(E) ₹2400
42. The value of twice of 'x' is equal to 1.25 times of 'y', and the 50% of 'y' is 30 less than the 'x'. Find the value of ('x' + 'y').
(A) 390 (B) 420
(C) 280 (D) 360
(E) 300

Directions [43-47]: Study the following information carefully and answer the related questions.

The number of employees in three companies A, B and C together are 2000. The number of employees in company B is 70% of the number of employees in

company C. In company C, the number of male employees is 20 less than that of female employees. The number of male to female employees in company A are in the ratio 5: 4 respectively and their difference is 90. There are 144 female employees in company B.

43. The number of male employees in company A is approximately what percent of total employees in company B?
(A) 107% (B) 115%
(C) 98% (D) 92%
(E) 110%
44. What is the difference between the number of male employees in company B and total employees in company C?
(A) 354 (B) 368
(C) 344 (D) 324
(E) 338
45. In company C, if 60% male employees and 40% female employees work in the morning shift, then how many employees in company C work in the morning shift?
(A) 322 (B) 348
(C) 330 (D) 354
(E) 366
46. What is the respective ratio of the number of female employees in companies A and B?
(A) 3: 1 (B) 3: 2
(C) 5: 3 (D) 5: 2
(E) None of these
47. How many male employees are there in all three companies taken together?
(A) 1006 (B) 1186
(C) 1136 (D) 1296
(E) 1146

Direction: (48-54): What will come in the place of question mark (?) in the given expression?

48. $64 \text{ of } 5 \div 16 - ? = \sqrt{196}$
(A) 12 (B) 16
(C) 5 (D) 6
(E) 10
49. $80 \times 2 - 36 \times 4 = ? - 45\% \text{ of } 500$
(A) 211 (B) 221
(C) 231 (D) 241
(E) 251
50. $50.5 + 450 \times 1.5 + 2.5 = ?$
(A) 712 (B) 718
(C) 722 (D) 728
(E) 732
51. $35 + 42 - 125 \div 75 \times 15 = ?$
(A) 72.5 (B) 52
(C) 73.6 (D) 59
(E) 87
52. $29^2 + 1728 = 40 \times ? + 27^2$
(A) 116 (B) 46
(C) 54 (D) 36

(E) None of these

53. $125\% \text{ of } 40 - 40\% \text{ of } 65 = ? \div 7$
(A) 168 (B) 110
(C) 125 (D) 156
(E) 215
54. $212 + [\sqrt{324} \div \sqrt{81}]^2 = ?^3$
(A) 9 (B) 1
(C) 6 (D) 8
(E) 3

Directions [55-59]: What will come in place of the question mark (?) in the following series?

55. 36, 48, 62, 80, ?, 148
(A) 104 (B) 102
(C) 100 (D) 106
(E) 120
56. 2520, 360, 60, ?, 3, 1
(A) 30 (B) 18
(C) 12 (D) 48
(E) 36
57. 24, 22, 25, 20, 27, ?, 29
(A) 18 (B) 16
(C) 19 (D) 20
(E) 23
58. 46, 51, 61, 81, 121, 201, ?
(A) 271 (B) 351
(C) 471 (D) 361
(E) 291
59. 171, 172, 176, 185, 201, ?
(A) 226 (B) 251
(C) 216 (D) 230
(E) 237
60. A, B and C started a business with investment of ₹15,000, ₹20,000 and ₹35,000 respectively. If C is working partner and takes 10% of the total profit. Find the share of C in total annual profit of ₹42000.
(A) ₹23500 (B) ₹23400
(C) ₹23300 (D) ₹23100
(E) ₹23200
61. 14 men can do a work in 6 days, while 10 women can do the same work in 12 days. In how many days 7 men and 14 women can do the same work?
(A) 6 days (B) 10 days
(C) 12 days (D) 5 days
(E) None of these
62. The time taken by a boat to travel 25 km upstream is twice that in downstream. If the total time taken by the boat to travel 256 km downstream and 16 km upstream is 12 hours, then find the speed of the stream.
(A) 4 km/hr (B) 10 km/hr
(C) 6 km/hr (D) 2 km/hr
(E) 8 km/hr
63. A used car is purchased by Raju at Rs 1,24,000 and he used it for 3 years. Raju sold the car after 3 years and the annual maintenance cost of car was

Rs 4500. Find the selling price of car if he earned a profit of 20% on it.

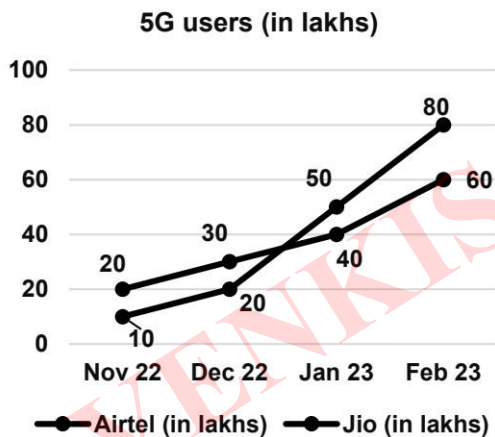
- (A) Rs 135000 (B) Rs 165000
(C) Rs 140000 (D) Rs 148900
(E) Rs 192500

64. The average of two prime numbers A, B and an even number C is 52. Both prime numbers are between 30 and 50 and the difference between A and B is 12. What is the value of C?
(A) 82 (B) 76
(C) 58 (D) 60
(E) 48

65. A person sells the milk at thrice the price at which he purchased it. But while selling, he adds 8 litres of water per 10 litres of pure milk. Find his profit percentage given that water is free of cost.
(A) 480% (B) 560%
(C) 400% (D) 440%
(E) 375%

Directions [66-70]: Read the data carefully and answer the following questions.

Airtel and Jio are the only two telecom companies offering 5G internet services in India. The line chart given below represent growth in number of 5G users in India (in lakhs).



66. What is the percentage growth in Airtel's 5G users in January-23 from November-22?
(A) 500% (B) 300%
(C) 200% (D) 400%
(E) 250%
67. How many new 5G users did Jio add in February-23?
(A) 20 lakhs (B) 10 lakhs
(C) 40 lakhs (D) 30 lakhs
(E) 60 lakhs
68. What was the percentage share of Jio's 5G users in total 5G users in month of December-22?
(A) 40% (B) 50%
(C) 75% (D) 60%
(E) 80%
69. If the total number of 5G users in March-23 was 50% more than that of Feb-23, then find the average

of total number of 5G users in Nov-22 and March-23.

- (A) 80 lakhs (B) 70 lakhs
(C) 90 lakhs (D) 120 lakhs
(E) 140 lakhs

70. Difference in number of Airtel's 5G users and Jio's 5G users increased from _____ lakhs in January-23 to _____ lakhs in February-23.
(A) 10, 10 (B) 10, 20
(C) 10, 30 (D) 20, 10
(E) 30, 10

English Language

71. In the question given below, four sentences are given which may or may not contain an error. Choose the one that is grammatically or contextually incorrect. If all sentences are correct, mark 'All are correct' as your answer.
(A) The old lady needed help crossing the street and I helped her.
(B) His uncle nearly drove the car for eight hours a day.
(C) I don't think this place is as big as everyone was hoping.
(D) The big fire reduced the whole town to ashes within little minutes.
(E) All are correct.

72. In the following question a sentence is given with three words marked as (A), (B) and (C). These words may or may not be placed at their correct places four options with different arrangements of these words are given. Mark the option with correct arrangement as the answer. If no change is required mark 'No rearrangement required' as your answer. Apart from customary **effort(A)** and denials whenever there are fishermen deaths, there is little **solution(B)** from authorities on either side to find a **condemnations(C)** to this problem.
(A) CBA (B) ACB
(C) BCA (D) CAB
(E) No rearrangement required

73. In the question given below, a sentence is given which may or may not have an error. The part in bold is grammatically and contextually correct. Identify the part that contains the error and mark it as your answer. Ignore punctuation errors, if any. In case the sentence is correct as it is, mark option (e) i.e. 'no error' as the answer.
Exhaustion refer to energy depletion that leaves you struggling to engage even **in basic tasks.**
(A) exhaustion refer to
(B) energy depletion that leaves you
(C) struggling to
(D) engage even
(E) no error

74. In the following question, one part of the sentence may have an error. Find out which part of the sentence has an error and select the appropriate option. If the sentence is free from error, select 'No Error'.
Mrs. Ziegler walked off (A) / and did not return (B) / until the girls had finishing (C) / the vegetable soup. (D) / No error (E)

- (A) A (B) B
(C) C (D) D
(E) E

75. In the following question, one part of the sentence may have an error. Find out which part of the sentence has an error and select the appropriate option. If the sentence is free from error, select 'No Error'.

The Bhakti poetry of Kabir, (A)/ the 15th century mystic weaver-poet, (B)/ is sang and recited across (C)/ communities and religions. (D)/ No error (E)

- (A) A (B) B
(C) C (D) D
(E) E

76. In the following question, one part of the sentence may have an error. Find out which part of the sentence has an error and select the appropriate option. If the sentence is free from error, select 'No Error'.

The virus is high (A)/ contagious and spreads from (B)/ one dog to another in the (C)/ vicinity through air and touch. (D)/ No error (E)

- (A) A (B) B
(C) C (D) D
(E) E

77. In the following question, a sentence is given with a phrase or idiom highlighted in bold. Select the option given below that can replace the phrase in bold without changing the meaning of the sentence and mark that as your answer.

The activists were happy about the verdict, but also demanded **justice in another cases**.

- (A) justice in other case
(B) justice in every cases
(C) justice in other cases
(D) justice in each cases
(E) No correction required

78. In the question below, a sentence is given with four words highlighted in bold. One of these four words 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 are correctly spelt and appropriate in the context of the sentence, mark 'All are correct' as your answer.

Seema **recieved** (A) a **heartfelt** (B) thank-you note from her **friend** (C) for the **thoughtful** (D) birthday gift.

- (A) A (B) B
(C) C (D) D
(E) All are correct

79. In the following question, a sentence is given with the phrase or idiom highlighted in bold. Identify the option that contains a word similar to the phrase contextually and can replace it. If all the options fit in the sentence grammatically and contextually, mark 'All of the above' as the right answer.

Sneha decided to **seek out** some books by authors from her country.

- (A) find (B) avoid
(C) empower (D) maintain
(E) exclude

80. In the question below, a sentence is given, four words have been highlighted in bold. Find out if the words are

appropriate contextually and correctly spelled. Only one word will be inappropriate or incorrectly spelled, mark that as your answer. If all are appropriate and correctly spelled, mark "all are correct".

He **intends** to make a **through search** of this shop before he opens the door to **customers**.

- (A) intends (B) through
(C) search (D) customers
(E) All are correct

81. In the question below, a sentence is given, four words have been highlighted in bold. Find out if the words are contextually appropriate and correctly spelled. Only one word will be inappropriate or incorrectly spelled, mark that as your answer. If all are appropriate and correctly spelled, mark "All are correct".

She was **ensure** he was **puzzling** over some **problem** in **connection** with his work.

- (A) ensure (B) puzzling
(C) problem (D) connection
(E) All are correct

82. In the question given below, a sentence is given with one blank, followed by five options, each having a word which may or may not fit in the blank. From the given options, choose the one that gives the correct word that fits in the blank.

This was the _____ of a very busy afternoon for her.

- (A) announcement (B) noise
(C) beginning (D) command
(E) respect

Directions [83-87]: In the following passage, some of the words have been left out and replaced by blanks represented by letters. First, read the passage and try to understand what it is about. Then fill in the blanks as per the questions given.

A recent study among college students **(A)** pain and aggression simultaneously to explore the relationship. The researchers conducted fMRI scans of brain regions associated with social information processing. The pain was shown to reduce **(B)** in regions involved with processing social information and directing appropriate responses. Research has shown that physical pain can increase aggressive behaviour. A team of researchers from China **(C)** a study to find out why, using functional magnetic resonance imaging scanning to investigate the neural mechanisms underlying pain-induced aggression. Fifty-nine student participants were divided into two groups: a pain condition and a control condition. To **(D)** in the pain condition, a cream containing capsaicin, a chemical irritant commonly found in chilli peppers, was applied on the volar side of their dominant forearm. Participants in the control condition had hand cream applied to the same area. To induce aggression in the participants, a "social network aggression task" was administered in two stages. In the first stage - conducted a week before fMRI scanning - participants were asked to fill out a resume and upload a photo of themselves, and then were presented with resumes and photos of 30 other college students, which they were instructed to

- ___(E)___ with either positive, negative, or neutral feedback.
83. Which of the following words can replace the blank marked as (A) in the passage?
(A) Induced (B) Extracting
(C) Convinced (D) Dissected
(E) Experimentation
84. Which of the following words can replace the blank marked as (B) in the passage?
(A) Entertainment (B) Activity
(C) Power (D) Memoir
(E) Bloody
85. Which of the following words can replace the blank marked as (C) in the passage?
(A) Dismantled (B) Participated
(C) Conducted (D) Discovered
(E) Inspired
86. Which of the following words can replace the blank marked as (D) in the passage?
(A) Scientists (B) Researchers
(C) Players (D) Participants
(E) Managers
87. Which of the following words can replace the blank marked as (E) in the passage?
(A) Perform (B) Presenting
(C) Give (D) Evaluate
(E) Marked
88. In the question given below, some sentences/phrases are given which have to be arranged in a proper sequence. Select the option which best defines the proper sequence and arranges the sentence in an appropriate way.
be cultivated (A)/ that needs to (B)/ a crucial skill (C)/ active listening is (D).
(A) DCBA (B) ACBD
(C) CABD (D) CBDA
(E) No rearrangement required
89. In the question given below, some sentences/phrases are given which have to be arranged in a proper sequence. Select the option which best defines the proper sequence and arranges the sentence in an appropriate way.
expect if they choose (A)/ to participate (B)/ informed of what to (C)/ contestants are well (D).
(A) CABD (B) DCAB
(C) ABDC (D) CDAB
(E) No rearrangement required
90. In the question given below, some sentences/phrases are given which have to be arranged in a proper sequence. Select the option which best defines the proper sequence and arranges the sentence in an appropriate way.
worth losing a friend (A)/ it is never (B)/ over (C)/ an ideological division (D).
(A) DCBA (B) CABD
(C) BACD (D) AD BC
(E) No rearrangement required

91. In the question given below, some sentences/phrases are given which have to be arranged in a proper sequence. Select the option which best defines the proper sequence and arranges the sentence in an appropriate way.
available from (A)/ Monday to Friday (B)/ the services (C)/ will be (D).
(A) BCDA (B) CDAB
(C) ACBD (D) DCBA
(E) No rearrangement required

Directions [92-100]: Read the given passage carefully and answer the questions that follow.

Adolescence is a crucial period for developing and maintaining social and emotional habits important for mental well-being. These include adopting healthy sleep patterns; taking regular exercise; developing coping, problem-solving, and interpersonal skills; and learning to manage emotions. Supportive environments in the family, at school and in the wider community are also important. An estimated 10-20% of adolescents globally experience mental health conditions, yet these remain underdiagnosed and undertreated. Multiple factors determine mental health outcomes. The more risk factors adolescents are exposed to, the greater the potential impact on their mental health. Factors that can contribute to stress during adolescence include a desire for greater autonomy, pressure to conform with peers, exploration of sexual identity, and increased access to and use of technology. Media influence and gender norms can **exacerbate** the disparity between an adolescent's lived reality and their perceptions or aspirations for the future. Other important determinants include the quality of their home life and relationships with peers. Violence (including harsh parenting and bullying) and socioeconomic problems are recognized risks to mental health. Children and adolescents are especially vulnerable to sexual violence, which has a clear association with detrimental mental health. People who are diagnosed in adulthood with a mental disorder often experience their first episode of the disorder during adolescence. Many of the most serious disorders, such as schizophrenia, bipolar disorder, and depression, are identified during the late adolescence or the beginning of adulthood. The pre-existing mental health problems may get worse as the adolescent undergoes this demanding phase of emotional and physical development. Some adolescents are at greater risk of mental health conditions due to their living conditions, stigma, discrimination or exclusion, or lack of access to quality support and services. These include adolescents living in humanitarian and fragile settings; adolescents with **chronic** illness, autism spectrum disorder, an intellectual disability or other neurological condition; pregnant adolescents, adolescent parents, or those in early and/or forced marriages; orphans; and adolescents from minority ethnic or sexual backgrounds or other discriminated groups. Adolescents with mental health conditions are in turn _____ social exclusion, discrimination, stigma (affecting readiness to seek help),

educational difficulties, risk-taking behaviours, physical ill-health, and human rights violations. Changes in mood and behaviour can provide important indicators of an adolescent's mental wellbeing, but these observations alone cannot be conclusive of mental illness - they can only indicate the need to carry out a full assessment. The educational or work environment and the peer group in this setting are important aspects in determining the mental health and well-being of adolescents and in influencing their behaviour. It is important for health-care providers to be aware of these presentations, as they may point to underlying mental health problems.

92. What will be the correct antonym of the word 'exacerbate' which is mentioned in the passage?
(A) Appalling (B) Awful
(C) Mollify (D) Disgraceful
(E) Engrossing
93. Which of the following statement(s) is/are definitely TRUE, according to the given passage?
I. Many serious problems are identified during late adolescence or the beginning of adulthood.
II. Children are not vulnerable to sexual violence but adolescents are.
III. Mood and behaviour changes can be an indicator of an adolescent's mental health.
(A) Only I (B) Only II
(C) Only III (D) Only I and III
(E) Only II and III
94. What will be the correct meaning of the word 'chronic' which is mentioned in the passage?
(A) Short-term (B) Persistent
(C) Poor quality (D) Birth related
(E) Entire
95. According to the passage which of the following does not contribute to increasing stress among teenagers/adolescents?
(A) The desire for greater autonomy
(B) Exploration of sexual identity
(C) Increased access to technology
(D) Career-related decisions
(E) Pressure to conform with peers
96. Which among the following creates a disparity between reality and perceptions as mentioned in the passage?
(A) Media influence (B) Gender norms
(C) Various diseases (D) Both (A) and (B)
(E) Emotional trauma
97. Select the appropriate phrase for the given blank in the passage.
(A) are in charge of
(B) particularly vulnerable to
(C) against the reason of
(D) localised to
(E) served as
98. What are important aspects in determining and influencing the well-being of adolescents?
(A) Educational environment
(B) Work environment
(C) Peer group
(D) All of the above
(E) Both (A) and (C)
99. Why, according to the author, most of the diseases or mental problems are identified during late puberty or the beginning of adulthood?
(A) Depression usually hit during this phase
(B) Adolescence is a most vulnerable period
(C) In puberty, their immunity gets weak
(D) Adolescence is a demanding phase of both emotional and physical development.
(E) All detrimental mental health conditions can be easily detected during puberty only.
100. What among the following are the various conditions at which there is a greater risk of mental health problems?
I. Adolescents living in fragile settings
II. Autism spectrum disorder
III. Adolescents whose wishes are not granted by parents
IV. Adolescents who do a lot of hard work
V. Adolescents with chronic illness
(A) Except for I, all are correct
(B) Except for III and IV, all are correct
(C) Except for III, all are correct
(D) Except for I and III, all are correct
(E) Except for IV, all are correct

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Important Instructions	
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<ul style="list-style-type: none"> • Marks should be dark and completely fill the circle. • Rough work must not be done on the answer sheet. • Make the marks only in the space provided. • Please do not make any stray marks on the answer sheet. 	

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