Vedic Mathematics

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TEST FORM NUMBER

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

INSTRUCTIONS TO CANDIDATE

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

(1) This booklet contains **100 Questions** in all comprising the following **three** parts.

Part-(I) : Reasoning Aptitude	(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 **pencil or 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 ....

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

Reasoning Aptitude

1. 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 boxes are cubes.
Some cubes are rectangles.
Conclusions: I. All cubes being rectangles is a possibility.
II. All rectangles being boxes is a possibility.
III. All boxes being cubes is a possibility.
(A) All of the conclusions follow
(B) Only II follows
(C) Only I and II follow
(D) Only I follows
(E) Either I or III follows

2. In the question given below, four statements are given followed by two conclusions. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read the conclusions and decide which of the given conclusions logically follows from the given statements disregarding the commonly known facts.
Statements: All biscuits are cookies
No bread is cookies
All butter is bread
Some milk is butter
Conclusions: I. No butter is biscuits
II. Some cookies are milk
(A) Both I and II follow
(B) Either I or II follows
(C) Only II follows
(D) Only I follows
(E) Neither I nor II follows

3. In the question given below, three 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 corners are bowls.
No bowl is a square.
Some squares are ovals.
Conclusions: I. All ovals can never be bowls.
II. Some bowls are definitely not corners.
III. Some bowls are definitely not ovals.
(A) All of I, II and III follow
(B) Only III follows
(C) Either I or III follows
(D) Only I and III follow
(E) Only I follows

Directions [04-07]: Twelve persons live in a six-storey building. The bottommost floor is numbered as 1, while the topmost floor is numbered as 6. Each floor consists of two flats- Flat P and Flat Q. Flat P is towards the west of Flat Q.
A, B, C, D, E and F live in flat P whereas J, K, L, M, N and O live in flat Q, but not necessarily in the same order. Two persons live between E and A, who live immediately above B. D lives with K on an odd number floor. Three floors are between K and J, who lives with C. M, who lives with F, does not live below C's floor. N lives immediately above L.

4. How many persons live below the floor of M?
(A) 2 (B) 3
(C) 6 (D) 5
(E) 4

5. Four among the five pairs are alike in a certain way thus form a group. Which among the following does not belongs to the group?
(A) E and K (B) F and N
(C) B and J (D) A and L
(E) C and O

6. If D and O interchange their floor and flats; J and N interchange their floors; F and L interchange their floor and flat; then the total person live between O and F's floor is equal to the total persons live between ____.
(A) The floors of F and N
(B) The floors of L and D
(C) The floors of N and L
(D) The floors of E and D
(E) The floors of O and N

7. Who lives immediate above and below the M's flat?
(A) O and K (B) L and J
(C) N and J (D) K and N
(E) O and L

8. In the word BIRTHDAY, if the 2nd, 4th, 5th and 7th letters from the left are each replaced by their immediate next letters in the English alphabetical series while the 1st, 3rd, 6th and 8th letters from the left are each replaced by their immediate previous letters in the English alphabetical series, then how many vowels are there in the newly word thus formed?
(A) 4 (B) 1
(C) 2 (D) 3
(E) None

Directions [09-13]: Six persons Alex, Jimmy, Max, Prince, Sam and Zain travelled to different countries in consecutive years from 2015 to 2020. Jimmy travelled immediately after Max. Alex travelled immediately after the person who travelled to Mexico. Two persons travelled between Zain and the person who travelled to Spain. The person who travelled to Brazil travelled before the person who travelled to Hawaii. Neither Jimmy nor Max travelled to Spain. Zain travelled after 2018 to Germany. The number of persons travelled before Jimmy is the same as the number of persons travelled after Prince, who travelled to Italy.

9. Sam travelled in which of the following year?
(A) 2015 (B) 2020
(C) 2018 (D) 2017
(E) 2016

10. Max travelled to which of the following country?
(A) Brazil (B) Mexico
(C) Spain (D) Hawaii
(E) Italy

11. The number of persons travelled before Alex is the same as the number of persons travelled after _____.
(A) Max (B) Jimmy
(C) Prince (D) Zain
(E) Sam

12. Which of the following combination is true?
i) 2016 - Jimmy - Mexico
ii) 2017 - Alex - Spain
iii) 2020 - Zain - Germany
iv) 2015 - Prince - Italy
(A) Both i and ii   (B) Only ii, iii and iv
(C) Both iii and iv   (D) Only i, ii and iii
(E) All are true

13. How many persons travelled after Jimmy?
(A) 3   (B) 1
(C) None   (D) 2
(E) 4

Directions [14-17]: Twelve persons D, E, F, G, H, I, J, K, L, M, N and O were born in the year 2021 from January to December. No two persons were born in the same month.
G, K, L, M and O were born in months of less than 31 days. Only four persons were born after E, who was born immediately after H. I was born exactly between E and D, but after H. N, G and J were born in consecutive months in the same order. Four persons were born between G and M. O was born before K and after L.

14. How many persons born between F and O?
(A) 2   (B) 4
(C) 3   (D) 5
(E) 6

15. Who among the following persons were born between G and the person who was born in November?
I. L, N and I
II. M, K, E, H and L
III. J, O, M and I
(A) Only I   (B) Only II
(C) Only III   (D) Both I and II
(E) I, II and III

16. Which among the following pairs is odd from the rest?
(A) L-April   (B) O-April
(C) D-October   (D) M-K
(E) J-O

17. Who was born immediately after F?
(A) The person who was born in the month which has 31 days.
(B) M
(C) The person who was born exactly between F and O.
(D) The person who was born in the month which has 30 days.
(E) The person who was born immediately before N.

18. Consider the alphanumeric string given below consisting of letters, numbers and symbols and answer the questions that follow based on the given steps:
6 B G M & 7 β µ W U 5 ≤ € R # 4 @ K 9 $ % H L 2 P A
Which of the following is fourth to the right of the fourteenth element from the right end?
(A) €   (B) W
(C) µ   (D) K
(E) @

19. In the question below, a statement is followed by two conclusions based on the statement. Study the conclusions and select the correct option as the answer.
Statement: R ≥ C= W < Z ≥K; V < A ≤ N = H ≤ W
Conclusion: I. V < Z   **II.** R ≥ A
(A) Only II follows
(B) Neither I nor II follows
(C) Only I follows
(D) Either I or II follow
(E) Both I and II follow

20. Choose the correct option which contains the signs of inequality that can replace (a) and (b) respectively in both the statements Q≥W=K(a)H(b)G<S≤C and P>I≥G(a)A(b)Q≤J, so that holds Q≥G true in both statements.
(Note: The sign of inequality that can replace '(a)' in both statements must be same while the sign of inequality that can replace '(b)' in both statements must be same)
(A) ≥,≤   (B) ≤,≥
(C) ≥,≥   (D) =,≤
(E) None of these

21. In the following 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: M = T < R < C; R > H > S ≥ G
Conclusions: I. C > G   **II.** M < H
III. T > S
(A) Only I is true
(B) Both II and III are true
(C) All are true
(D) Neither I nor II is true
(E) Either I or III is true

Directions [22-24]: A Family of three generations consists of eight members A, B, D, G, C, J, K and L. There are three married couples. G is the mother-in-law of J. D is the only son of K, who is the father-in-law of A. L is the son of B, who is the spouse of A. D is married. C is the daughter of J.

22. How J is related to B?
(A) Sister-in-law   (B) Niece
(C) Brother-in-law   (D) Father-in-law
(E) Cannot be determined

23. Which of the following are the married couples of the family?
i) K – G   ii) A - B
iii) D - J
(A) Only i and ii   (B) Only ii and iii
(C) Only i and iii   (D) All of them
(E) None of them

24. Who among the following is the grandson of G?
(A) A   (B) L
(C) C   (D) D
(E) B

Directions [25-26]: Kapil goes to his school every day walking similar path. He starts walking from his house in west direction. After walking for 20m, he turns to his right and walks for 40m. He then turns to his left and walks for 60m. He then turns to his left and walks 30m before turning right. A café is situated at this location. He then walks for 80m and turns left and walks 60m to reach his school. While returning from school he finds a shortcut between school and café and comes by a route which is 40m less than the total distance travelled by him while going to school from his house.

Answer the following questions based on the above information.

25. What is the shortcut distance between the school and the café?
(A) 140m   **(B)** 100m
(C) 80m   **(D)** 110m
(E) None of these

26. Kapil's house is in which direction of the school?
(A) south-west   **(B)** south-east
(C) north-east   **(D)** north west
(E) None of these

Directions [27-31]: Study the following information and answer the given questions.

Eight people are seated around an Octagonal table with one at each corner. No two persons seated together are facing the same direction.
G sits immediate right of F. B faces the centre. A, who faces the same direction as F, is not an immediate neighbour of D. E faces outside the centre. C sits third to the left of B. E and D are immediate neighbours, none of them adjacent to B or C. H faces the same direction as G.

27. Who among the following face/s outside the centre?
(A) D   **(B)** A
(C) F   **(D)** C
(E) None of the above

28. Which of the following information/s is/are TRUE based on the given information?
(A) F is an immediate neighbour of E.
(B) C and D face the same direction.
(C) H sits 2nd to the left of G.
(D) All are True.
(E) None is True.

29. Four of the following five are alike in a certain way and thus forms a group. Find the one that does not belong to the same group.
(A) A - E   **(B)** D - H
(C) B - G   **(D)** A - F
(E) C – F

30. In which position is E seated with respect to F?
(A) 4th to the left   **(B)** 2nd to the right
(C) 3rd to the left   **(D)** 5th to the left
(E) None of the above

31. Who among the following is seated 3rd to the left of H?
(A) D   **(B)** C
(C) F   **(D)** E
(E) None of the above

Directions [32-35]: Study the following information carefully and answer the questions given below:

In a certain code language, the following statements are coded.
'Press Enter Alt Ctrl' is coded as '4$ 2@ 1! 3#'
'Press Shift Ctrl Tab' is coded as '1! 6@ 4$ 5%'
'Press Enter Ctrl Backspace' is coded as '2@ 4$ 7# 1!'
'Press Alt Shift Tab' is coded as '6@ 1! 3# 5%'

32. Which of the following element is common in the codes of "Alt" and "Backspace" ?
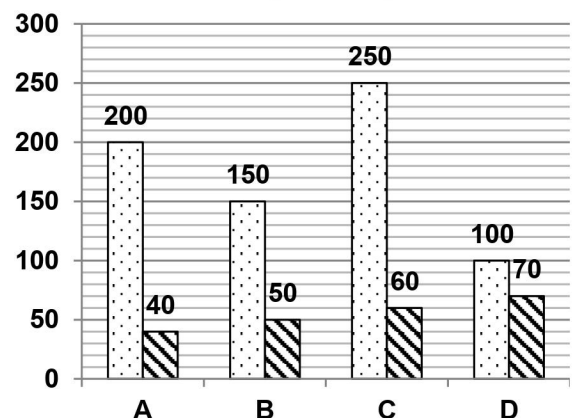
(A) 3   **(B)** 7
(C) 6   **(D)** #
(E) @

33. Which of the following words given below corresponds to the code "4$"?
(A) Enter   **(B)** Ctrl
(C) Tab   **(D)** Shift
(E) None of these

34. What can be the code for "Press Shift Enter"?
(A) 1! 6@ 2@   **(B)** 1! 5@ 5%
(C) 1! 2@ 3#   **(D)** 1! 7@ 5%
(E) 11 3# 5%

35. If "Tab CapsLk" is coded as "8* 5%", then what will be the code for "Alt Shift CapsLk" ?
(A) 5% 8* 4$ **(B)** 8* 3# 2@
(C) 6@ 8* 3#   **(D)** 8* 7% 5%
(E) 6@ 8* 2@

Quantitative Aptitude

36. Find the wrong term in the series given below.
197, 372, 599, 872, 1197, 1572
(A) 872   **(B)** 1197
(C) 372   **(D)** 197
(E) 599

37. Find the wrong term in the series given below.
344, 511, 730, 999, 1333, 1727, 2198
(A) 1333   **(B)** 511
(C) 730   **(D)** 2198
(E) 999

38. Find the missing term (?) in the series.
?, 105, 96, 112, 87, 123
(A) 98   **(B)** 97
(C) 99   **(D)** 100
(E) 101

39. Find the missing term (?) in the series.
10.8, 12.6, 16.2, 21.6, ?, 37.8
(A) 30.8   **(B)** 26.8
(C) 32.8   **(D)** 24.8
(E) 28.8

Directions [40 - 44]: The bar graph given below represents the information of number of doctors and number of patients per doctor in 4 cities namely A, B, C and D

□ **Number of doctors**
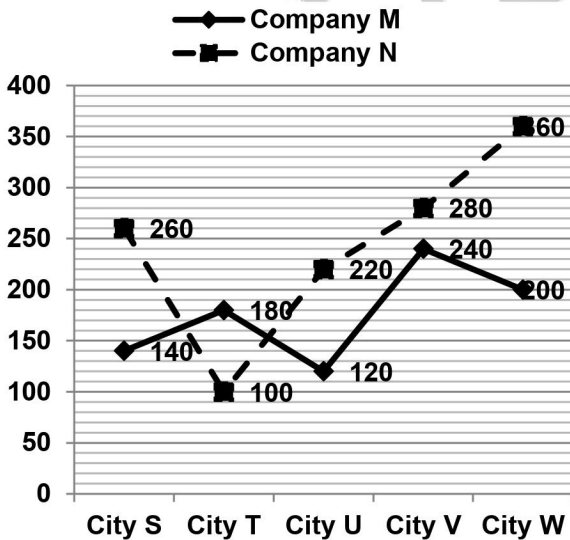▨ **Number of patients per doctors**

40. Find the respective ratio between the total number of doctors from city A and C together and total number of doctors from city B and D together.

(A) 5: 9   (B) 9: 5
(C) 1: 1   (D) 2: 3
(E) 4: 7

41. The number of patients in city A is what percent more/less than the number of patients in city B?
(A) 6.67% more   (B) 12.5% less
(C) 20% less   (D) 8% more
(E) 3.33% more

42. There are 120 doctors in city E, and the number of patients per doctor is 10 less than that of city A. Find the total number of patients in city E.
(A) 4200   (B) 6500
(C) 3600   (D) 5600
(E) 7200

43. Find the difference between the sum of the number of patients in city B and D together and the number of patients in city C alone.
(A) 500   (B) 400
(C) 600   (D) 200
(E) 1000

44. In city D, the percentage of patients who after hospitalization get cured are 45%. Find the number of patients who don't get cured.
(A) 3000   (B) 4200
(C) 3850   (D) 2500
(E) 2000

Directions [45-49]: Study the data carefully and answer the following questions.

Below line graph shows the number of items delivered by two companies (Company M and company N) from five cities.

45. What is the ratio of number of items delivered by company N from city W to the number of items delivered by company M from city T?
(A) 2: 3   (B) 3: 2
(C) 2: 1   (D) 4: 3
(E) 3: 5

46. The number of items delivered by company N from city V is what percentage more or less than the number of items delivered by company M from city S?
(A) 125%   (B) 200%
(C) 50%   (D) 150%
(E) 100%

47. What is the average number of items delivered by company M from city T, and U?
(A) 130   (B) 120
(C) 150   (D) 160
(E) 140

48. The number of items delivered by company N from city U is how many more or less than the number of items delivered by company M from city W?
(A) 10   (B) 20
(C) 40   (D) 50
(E) 30

49. The number of items delivered by company M from city V is what percentage of the number of items delivered by company N from city U?
(A) 118.18%   (B) 111.11%
(C) 109.09%   (D) 112.5%
(E) 106.25%

50. The cost of fencing a circular pool is Rs. 8 per m. is Rs.2816. Find the cost of flooring a rectangular pool having length and breadth in the ratio 4: 3 and whose perimeter is equal to the radius of circular pool. Given cost of flooring is Rs. 6.5 per sq. m.
(A) Rs.1048   (B) Rs.1248
(C) Rs.896   (D) Rs.1124
(E) None of these

Directions [51-55]: Study the data carefully and answer the following questions.

A shopkeeper purchased four items (A, B, C, and D). He sold item B at Rs. 2520 and earned 80% of profit. He purchased item D at Rs. 120 less than item B. He purchased item C Rs. 200 more than the selling price of item D. The ratio of CP of item A and item D is 3: 2. Profit on item A is Rs. 40 less than item B. He earned 25% and 40% profit on item D and item C, respectively.

51. Selling price of item A is how much more or less than the cost price of item D?
(A) Rs. 1660   (B) Rs. 1720
(C) Rs. 1760   (D) Rs. 1640
(E) Rs. 1740

52. The selling price of item B is what percentage more or less than the selling price of item A?
(A) 24%   (B) 20%
(C) 10%   (D) 16%
(E) 32%

53. What is the ratio of the cost price of item B to the selling price of item C?
(A) 7: 11   (B) 4: 9
(C) 5: 9   (D) 5: 8
(E) 6: 13

54. What is the average profit earned on item B and item D together?
(A) Rs. 640   (B) Rs. 840
(C) Rs. 720   (D) Rs. 1080
(E) Rs. 600

55. Profit earned on item C is what percentage more or less than the profit earned on item D?
(A) 150%   (B) 125%
(C) 120%   (D) 175%
(E) 145%

56. P, Q, R and S entered into a partnership such that P invested an amount equal to one-tenth of total

profit, Q invested an amount equal to one-fifteenth of total profit, R invested an amount equal to one-third of total profit and S invested an amount equal to one-fourth of total profit. If their total investment is Rs 33,750 and each one of them invested their amount for 1 year, then what is the value of Q's share in the total profit?

(A) Rs 3800   (B) Rs 4000
(C) Rs 4200   (D) Rs 4800
(E) Rs 5000

57. Ram sold a bat at a profit of 20% and he sold a ball at a loss of 25%. If the cost price of both the bat and the ball is same, find Ram's overall profit/loss percent on selling the bat and the ball.

(A) 2.5% loss   (B) 5% loss
(C) 2.5% profit   (D) 5% profit
(E) 10% loss

58. The ratio of speed of boat A to that of boat B in still water is 5:4. They start from same point in the same direction. Distance between them after 5 hours of downstream travelling is 50 km. Ratio of speed of stream to speed of A in still water is 3:5. What will be the difference between the time taken by both boats, if each boat travels 560 km downstream?

(A) 5 hours   (B) 4 hours
(C) 1 hour   (D) 2 hours
(E) 3 hours

59. In the following questions two equations numbered I and II are given. You have to solve both the equations and choose the correct option.
I. $x^2 -22x +120 = 0$ II. $6y^2 -11y +3 = 0$
(A) x < y   (B) x > y
(C) x ≤ y   (D) x ≥ y
(E) x = y or relationship cannot be established

60. In the following questions two equations numbered I and II are given. You have to solve both the equations and choose the correct option.
I. $x^2 +32x +220 = 0$ II. $y^2 +24y +128 = 0$
(A) x < y   (B) x > y
(C) x ≤ y   (D) x ≥ y
(E) x = y or relationship cannot be established

61. In the following question, two equations I and II are given which contain variables 'x' and 'y'. You have to solve both the equations and find the correct relation between 'x' and 'y'.
I. $x^2 - 8x + 15 = 0$ II. $4y^2 - 13y + 9 = 0$
(A) x = y or relationship between 'x' and 'y' cannot be determined.
(B) x ≤ y   (C) x < y
(D) x > y   (E) x ≥ y

62. What value will come in place of question mark (?) in the following question?
$\sqrt[3]{125} + \sqrt[3]{5832} - \sqrt[3]{1728} = ?$
(A) 17   (B) 11
(C) 3   (D) 6
(E) 8

63. What value will come in place of question mark (?) in the following question?
$(?)^2 + 6^3 = 18^2 - 8$
(A) 22   (B) 18
(C) 10   (D) 14
(E) 30

64. What value will come in place of question mark (?) in the following question?

$625^{0.21} \times 625^{0.04} = ?$
(A) 625   (B) 1
(C) 25   (D) 125
(E) 5

65. In a Village of 1000 people, 60% of the Females are Literate and 7/15 of all illiterate people are Males. (23/35) of all Literate people are Males . What is the gender ratio(Male : Female) of the village?
(A) 2:1   (B) 3:2
(C) 5:4   (D) 4:3
(E) 6:5

66. Ankita took loan a sum of ₹11400 from a bank on two schemes A and B. She took some money at 40% rate of compound interest compounded quarterly for 9 months from scheme A and remaining money at 25% rate of simple interest for 9 years from scheme B. If she deposits the amount of ₹7986 in scheme A, then find the amount deposited by Ankita in scheme B after 9 years.
(A) ₹17550   (B) ₹12740
(C) ₹14500   (D) ₹16480
(E) ₹29140

67. A container contains 98 litres mixture of curd and honey in the ratio 4 : 3. 28 litres of mixture is taken out and 10 litres of curd is added to the mixture. Again 24 litres of mixture is taken out, and 9 litres curd is added to the mixture. How much litre of honey should be added to the mixture to make the ratio of honey and curd in the resultant mixture 3 : 4?
(A) 18 litres   (B) 10 litres
(C) 12 litres   (D) 15 litres
(E) 8 litres

68. Ratio of marks got by two students A and B in the written examination is 5:8 and in viva is 3:2 respectively. Ratio of maximum marks in written examination and viva is 2:1 respectively. A got 50% marks in written examination and B got 40% marks in viva. Sum of the marks got by B in written examination and marks got by A in viva is 110. Find the difference between marks got by A in written examination and marks got by B in viva.
(A) 30   (B) 20
(C) 10   (D) 25
(E) 35

69. Pipe P and Pipe Q can fill the tank together in 6(3/10) hours while pipe P can fill the tank alone in 9 hours. Pipe P was opened for 3 hours and Pipe Q was opened for 4 hours. Find the ratio of the part of tank filled to the remaining part of tank.
(A) 12:17   (B) 10:11
(C) 11:10   (D) 11:13
(E) 13:11

70. After three years, the ratio of the age of Ayush to the age of Preeti will be 4: 5 and the present age of Neha is 1/5 times the present age of Ayush. Two years ago, the sum of ages of Ayush, Preeti and Neha was 56 years. What is the present age of Preeti?
(A) 32 years   (B) 33 years
(C) 34 years   (D) 36 years
(E) 37 years

English Language

71. In the given question, a sentence has been broken into four parts and the parts are jumbled. Choose the option which provides the correct way to re-arrange the parts to form a grammatically and contextually meaningful sentence. If all the parts are correctly placed, mark E as your answer.
A. for better binding with bricks and steel rods
B. because if the proportion is not proper, it
C. cement, sand and water must be mixed in the proper proportion
D. leads to easy crumbling and withering of building walls
(A) DACB   **(B)** CABD
(C) ADCB   **(D)** CBAD
(E) No rearrangement required

72. In the following question, a sentence is given with four words marked as (A), (B), (C) and (D). Among the options, choose the correct order of words, that is required to make the sentence grammatically and contextually correct. If no rearrangement is required, mark (e) 'No rearrangement required' as your answer.
There's a school of thought that you should **spend (A)** down all your assets in **retirement (B)** and **undertaker (C)** the check to the **bounce (D)**, but not many Americans subscribe to that school of thought.
(A) ABDC   **(B)** BDCA
(C) DABC   **(D)** DBCA
(E) No rearrangement required

73. In the question given below, four statements are given which may or may not contain an error. Choose the one that is grammatically and meaningfully incorrect.
(A) While Molly was her usual quiet self, and perhaps a little nervous, it was obvious she was excited.
(B) The interior is rich decorated with various coloured marbles.
(C) White coats are often worn by doctors.
(D) All are correct.
(E) I try not to immediately stereotype and judge people based on their outward appearances.

74. In the following question, a sentence is given with a phrase highlighted in bold. Select the option given below that can replace the phrase in bold to make the sentence grammatically and contextually correct and mark that as your answer.
Not only the son, but his **parents was also worrying about** the results.
(A) Parents was also worried about
(B) Parents were also worry about
(C) Parents was also worry about
(D) Parents also worrying about
(E) Parents were also worried about

75. In the question given below, four statements are given which may or may not contain an error. Choose the one that is grammatically and meaningfully incorrect.
(A) Despite of the rain, we enjoyed the festival.
(B) She emphasised her strong work ethic and trade union membership.
(C) The city possesses the public utility of water, but the city streetcar system, gas, and private electric lighting are in the hands of a private company.
(D) All are correct.

(E) They like juicy fruit to eat as well as people, and they are hungry.

76. In the following question, a word has been given and there are three ways in which the word has been said or used, **in similar or different forms**. Find out which of the following sentence(s) has/have correctly used the given word and mark your answer accordingly.
REFUTE
I. The evidence provided by the prosecutor will **refute** the defendant's claim of innocence.
II. We can easily **refute** his argument.
III. His letter in response to her request had contained a firm **refute**.
(A) Only I and II   **(B)** Only III
(C) Only I   **(D)** Only II and III
(E) All of these

77. Select the phrase/connector (it must be at the start) from the given three options which can be used to form a single sentence from the two sentences given below, implying the same meaning as expressed in the statement sentences.
I. Its rivals- Bharti Airtel and Reliance Jio- continue to get stronger often at the cost of Vodafone Idea.
II. Vodafone Idea's situation continues to worsen in terms of market share- revenue as well as the value of the company.
(i) consequently
(ii) while
(iii) furthermore
(A) Only (iii)   **(B)** Only (ii)
(C) Both (ii) and (iii)   **(D)** Both (i) and (ii)
(E) All of (i), (ii) and (iii)

78. Which of the following phrases (I), (II), and (III) given below the sentence should replace the phrase printed in bold letters to make the sentence grammatically correct? Choose the best option among the five given alternatives that reflect the correct use of phrase in the context of the grammatically correct sentence. If the sentence is correct as it is, mark (e) i.e., 'No correction required'; as the answer.
Covering over half a century, mostly set in Delhi, with detours into other parts, the novel is historical in so far as its affinity with the past is evident.
1. Over half a century cover
2. Cover over half a century
3. Covering above half a century
(A) I and II only   **(B)** II and III only
(C) I and III only   **(D)** All of the above
(E) No correction required

79. In the question given below, a sentence is given, divided into five parts. The error/s is/are in one or more parts of the sentence. Identify the part(s) that contain(s) the error/s, and mark the answer accordingly.
As human settlements creep ever (A)/ closer nearer to wildlife habitats, (B)/replacing swaths of forests with development and farmland, (C)/ scientists fear this land-use changes could (D)/ spur the evolution of zoonotic diseases (E).
(A) Only A   **(B)** Only B, D
(C) Only B   **(D)** Only A, C, D
(E) Only B, C, D

80. In the question given below, a sentence is given, divided into five parts. The error/s is/are in one or more parts of the sentence. Identify the part(s) that

contain(s) the error/s, and mark the answer accordingly.

With all due respect, it is our (A)/ regret to inform you that (B)/ your application for a visa to Canada (C)/ has to be putting on hold (D)/ since certain details of yours seems sceptical (E).

(A) Only B and D   **(B)** Only C and E
(C) Only A, B and C   **(D)** Only D and E
(E) Only B, C and E

Directions [81-88]: Read the following passage carefully and answer the questions that follow.

RBI Governor on Friday said banks cannot **expected (A)** rely on the central bank's money to support credit off take and they needed to mobilise more deposits to aid credit growth. He said **banks (B)** had already started to pass on the increase in repo rates to their **depositors (C)** and that the trend was **perennially (D)** to continue. "When there is a credit off take, banks can sustain and support that credit off take only if they have higher deposits. They cannot be relying on the central bank money on a perennial basis to support credit off take, they have to **mobilise** their own resources and funds," the Governor told reporters during the post-policy meeting.

The six-member Monetary Policy Committee (MPC) on Friday raised the repo rate by 50 basis points to 5.4% and also decided to remain focussed on withdrawal of accommodative stance to ensure that inflation remained within the target going forward, while supporting growth. This is the third increase in a row by the RBI since May this year in its fight against inflation which has been hovering above the central bank's tolerance band of 4-6%. The consumer price index (CPI)-based inflation stood at 7.01% in June. In May, RBI raised the repo rate by 40 basis points and followed it with another 50-basis point increase in June.

The RBI Governor said the most likely scenario is that the impact of the rate hike would be passed on by banks for deposits. "Already the trend has started. Quite a number of banks have increased their deposit rates in the recent weeks and that trend will continue," he said. On the liquidity scenario, the Governor said the RBI would do two-way operations for dealing with the prevailing liquidity situation. He said last month there was a sudden squeeze on liquidity for about three to four days because of very high GST and other tax collections, and so, the RBI conducted a fine-tuning operation of injecting repo of three days' maturity.

81. According to the passage, which of the following statements is/are said by the RBI Governor?
I. Banks can rely on the central bank's support to credit off take.
II. Banks are required to mobilise more deposits to help growth.
III. Banks are yet to pass on the increase in repo rates to their depositors.
(A) Only I   **(B)** Only II
(C) Only III   **(D)** Only I, II
(E) Only II, III

82. According to the passage, why did the RBI Governor suggest the banks increase their resources and funds?
(A) To support and sustain the credit off take by the central bank.
(B) To balance the dent created by NPAs.
(C) To improve the profitability of the banks.

(D) To cut down the expenses of the central bank.
(E) To control the money flow in the market.

83. According to the passage, which of the following statements is false?
(A) Monetary Policy committee is a six-member committee.
(B) Monetary Policy committee did not raise the repo rate by 50 basis points.
(C) Monetary Policy committee decided to withdraw accommodation.
(D) Monetary Policy committee decided to keep inflation within the target.
(E) Monetary Policy committee raised the repo rate for a straight third time.

84. According to the passage, which of the following events happened in June?
I. RBI raised the repo rate by another 50 basis points.
II. The consumer price index-based inflation stood exactly at 7 percentage.
III. RBI raised the repo rate by 60 basis points.
(A) Only I   **(B)** Only II
(C) Only III   **(D)** Only I, II
(E) Only II, III

85. According to the passage, what is the trend that may continue as mentioned by the Governor of RBI?
(A) The trend of the central bank increasing the repo rate.
(B) The trend of banks increasing their deposit rates.
(C) The trend of increasing consumer price index-based inflation rate.
(D) The trend of banks reducing their deposit rates.
(E) The trend of banks increasing their NPAs.

86. According to the passage, what was the reason for the sudden squeeze on liquidity?
(A) Due to a sudden spike in deposit rates.
(B) Due to an increase in counterfeit currency.
(C) Due to the maintenance schedule of ATMs.
(D) Due to high GST and tax collections
(E) Due to the increasing inflation rate.

87. Among the words that are highlighted as (A), (B), (C) and (D), which of them require interchanging so that the sentence is grammatically and contextually relevant to the passage?
(A) A-B   **(B)** B-C and A-D
(C) A-D   **(D)** B-D
(E) No interchange required

88. Which of the following words is the synonym of the word **'mobilise'** that is highlighted in the passage?
(A) Disclose   **(B)** Release
(C) Discourage   **(D)** Muster
(E) Continue

89. In the given question, a sentence has been broken into four parts and the parts are jumbled. Choose the option which provides the correct way to re-arrange the parts to form a grammatically and contextually meaningful sentence. If all the parts are correctly placed, mark E as your answer.
A. there are many curious and peculiar diseases around the world and **B.** one such disease or condition is haemophilia which
C. is a genetic disorder in which blood does not clot

D. properly leading to continuous bleeding from injuries

(A) DACB   (B) BDAC
(C) CBDA   (D) ADBC
(E) No rearrangement required

90. given with four words marked as (A), (B), (C) and (D). Among the options, choose the correct order of words, that is required to make the sentence grammatically and contextually correct. If no rearrangement is required, mark (e) 'No rearrangement required' as your answer.
For **more (A)** of my life, I have been in **competitive (B)** environments, where **undoubtedly (C)**, many people have been classified as **most (D)** intelligent than me.

(A) ACDB   (B) BDCA
(C) DABC   (D) DBCA
(E) No rearrangement required

Directions [91-97]: 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.

The tiny Buddhist kingdom of Bhutan on the eastern edge of the Himalayas, often ___A___ to as "the last Shangri-La" for its abundance of natural beauty, sustainable development and rich cultural heritage, has long resisted the ___B___ financial returns of mass tourism in favour of conservation. The approach is aligned with a cultural philosophy where the country's wealth and prosperity are measured through a national happiness index, as a/an ___C___ to the gross domestic product. Since 1974, the year when foreigners were first permitted to visit Bhutan, the country has had a unique "high value, low volume" tourism policy, requiring international visitors to pay at least a daily rate of $250 that covered accommodations, meals, a mandatory tour guide and included a $65 "sustainable development fee" to the government. The package-like approach was aimed to ___D___ the natural resources of the country by limiting the number of international visitors and controlling where they went. While some tourists complained of poor hotel plumbing, slow internet access and bland food, many ___E___ the ease of the predetermined tours. Now as the government of Bhutan prepares to reopen its borders, it has ___F___ the tourism system and will significantly raise the cost to visit. Visitors no longer need to be on a package tour, but they now have to pay a $200 daily fee directly to the government, and pay ___G___ for their accommodation, meals, tours and other travel expenses.

91. Which of the following words will fill blank (A)?
(A) mentioning   (B) referred
(C) placed   (D) entering
(E) known

92. Which of the following words will fill blank (B)?
(A) quick   (B) rapidly
(C) await   (D) respectively
(E) awful

93. Which of the following words will fill blank (C)?
(A) replace   (B) encroachment
(C) derive   (D) alternation
(E) alternative

94. Which of the following words will fill blank (D)?
(A) preservation   (B) protecting
(C) preserve   (D) conservation
(E) avoid

95. Which of the following words will fill blank (E)?
(A) appreciated   (B) depreciation
(C) cursed   (D) agony
(E) unhappy

96. Which of the following words will fill blank (F)?
(A) turnover   (B) overturn
(C) revamping   (D) overhauled
(E) rebuilding

97. Which of the following words will fill blank (G)?
(A) distinctive   (B) individual
(C) separately   (D) effect
(E) astonish

98. In the question below, a sentence is given with five words highlighted in bold. One or more than one of these five 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, choose 'all are correct' as your answer.
Detox (A) refers to the process of **illuminating(B)** toxins from the body through various methods such as **deit(C), exercise(D),** and lifestyle changes, **aiming(E)** to improve health.
(A) Both A and D   (B) Both B and C
(C) Only E   (D) Only B
(E) All are correct

99. Read the given sentence to find out where there are any grammatical errors in it. The errors, if any, will be in two of the phrases of the sentence and the combination of those parts will be the answer. If no part in the sentence has an error, mark 'No error' as your answer.
He found rain (A)/ fascinating yet unpleasant (B)/ when he used to (C)/ live in his hometown (D).
(A) AB   (B) BC
(C) CD   (D) AD
(E) No error

100. In the following question, a sentence is given, divided into four parts (A), (B), (C) and (D). The error, if any, will only be in TWO PHRASES/PARTS of the sentence. The combination of those parts is the answer. If no part in the sentence has an error, then mark 'No error' as your answer. Ignore errors of punctuation, if any.
The effects of stubble burning will be less as there is a highest (A)/ wind speed and higher mixing depth (B)/ of pollutants during summer, which will (C)/ led to pollutants getting dispersed easily. (D)
(A) CD   (B) BC
(C) AB   (D) AD
(E) No error

<u>Space for rough work</u>