

PART 1: REASONING TEST

Read the following information and answer the following questions:-

In a class of 35 students, amit is 19th from the left and suraj is 23rd from right. Raju is sitting just between them. Then find-

1. What is Raju's rank from left?

- a. 17 b. 16 c. 18 d. 15

2. What is Raju's rank from right?

- a. 23 b. 19 c. 20 d. 21

3. How many students are there between amit and suraj?

- a. 5 b. 6 c. 4 d. 3

4. In a class, Amit is 11th from left and is 17th to the left of suraj, who is 21st from the right. Find how many students are there in a class?

- a. 48 b. 47 c. 50 d. 49

Read the following information and answer the following questions:-

5. In a row of Boys and girls, radha is 6th from the top and Atul is 12th from the top. Radha is 4th from the top and 6th from the bottom among the girls. Atul's rank is 7th from the top and 24th from the bottom among the boys. Find

How many students are there in a row?

- a. 41 b. 39 c. 40 d. 38

6. How many students are sitting below to atul?

- a. 2 b. 3 c. 4 d. 5

7. How many boys and girls are sitting b/w Radha and Atul?

- a. 5 b. 3 c. 6 d. 4

8. In a class of 45 students, amit is 9th rank before suraj, suraj is 14th from the bottom. What is the Amit rank from the top?

- a. 25 b. 24 c. 23 d. 22

Read the following information and answer the following questions:-

9. In a class of 26 students, Amit is 12th from the left and suraj is 7th from the right. Rajesh is sitting just middle of them. Find:-

10. What is Rajesh's rank from the left?

- a. None b. 17 c. 15 d. 16

11. What is Rajesh rank from the right?

- a. 12 b. 10 c. 11 d. None

12. How many students are sitting between Amit and suraj?

- a. 8 b. 7 c. 5 d. 6

Read the following information and answer the following questions:-

13. Amit is 21st from the left, suraj is 24th from right, when they interchanged their

position then the rank of suraj from the right is 31. Find-

14. How many students are there in the class?

- a. 50 b. 49 c. 52 d. 51

15. What is Amit's position after interchange?

- a. 50 b. 49 c. 52 d. 51

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

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

16. Statements: $U \geq S = R > Q > Z$

Conclusions: I. $Z \leq U$ II. $U > Q$

- a. A b. B c. C d. D

17. Statements: $P \leq O < N > C \geq L$

Conclusions: I. $O > C$ II. $N \geq L$

- a. A b. B c. C d. D

18. Statements: $A \geq B = F > D \leq E$

Conclusions: I. $E > F$ II. $D < A$

- a. A b. B c. C d. D

19. Statements: $I > R = M, M > L > T, T \leq V$

Conclusions: I. $I > L$ II. $R > V$

- a. A b. B c. C d. D

20. Statements: $E \leq V < G, G = N < L$

Conclusions: I. $L > V$ II. $E \geq N$

- a. A b. B c. C d. D

21. If the letters of the word ENVIRONMENT are arranged alphabetical, how many letters will not change their positions?

- a) None b) Two c) One d) Three

22. How many meaningful English words can be formed with the letters ABER using each letter only once in each word?

- a) None b) Two c) One d) Three

23. In a certain code language NOVICE is written as 3#1%6@ and ADVICE is written as 2*1%6@. How is NOIDA written that code language?

- a) 3#%*2 b) 3#*%2 c) 3#2%* d) 3#%2*
 e) None

24. Neelam and her brother Nayan are standing at a point. Nayan starts a morning walk and walks 60m towards west, then he turns to his left and walks 20m. He then turns to his left and walks 50m. Again he turns to his right and walks 5m. Finally he turns to his left and walks 10m. How far and in which direction is he now from his sister?

- a) 70m, east b) 25m, south c) 25m, north
 d) 55m, west e) None

25. Choose the odd one out

- a. Seahorse b. Dolphin c. Jellyfish
 d. Turtle

26. Complete the series-

9 _ 7 6 _ 9 _ 7 _ 5 _ _ _ 6 5

- a. 8586987 b. 9876579 c. 8579657
d. 8757987

27. How many such pairs of letters are there in the word ABACUS, which have as many letters between them in the word as in the English alphabet?

- a. 4 b. 3 c. 2 d. 1

28. Study the following information and answer the questions given below:-
In a certain language, 'Hi this is Preeti ' coded as 3942, 'preeti be a teacher' coded as 9765, 'this like that' is coded as 148, like are teacher is coded as 015 and 'hi be' is coded as 37.

What is the code for 'teacher'?

- a. 4 b. 3 c. 6 d. 5

29. What is the code for 'be'?

- a. 7 b. 5 c. 6 d. 4

30. What is the code for 'that'?

- a. 7 b. 8 c. 6 d. 5

31. What is the code for "this"?

- a. 5 b. 3 c. 4 d. 8

32. What is the code for "Preeti"?

- a. 4 b. 8 c. 7 d. 9

33. Introducing a Man, A woman said that he is son of my mother's Father. how is man related to woman?

- a. Father b. Grandfather c. Uncle d. None

34. Four of the following five are alike in a certain way and so form group. Which is the one that does not belong to that group?

- (1) CX (2) BY (3) ZA (4) DW (5) EB

35. How many 5 are there in the below series, which are immediately preceded by 6 and immediately followed by 7.

5 7 1 6 5 7 4 4 3 5 7 1 3 6 5 7 5 6 3 2 1 6 5 7
8 6 5 3

- a. 1 b. 2 c. 3 d. 4

PART 2: QUANTATIVE

36. If 6 men and 8 Boys can do a piece of work in 10 days while 26 men and 48 boys can do the same work in 2 days, the time taken by 15 men and 20 boys in doing the same type of work will be:

- a. 4 b. 6 c. 7 d. 8

37. A can complete a work in 12 days working 8 hours a day. B can complete the same work in 8 days working 10 hours a day. If both A and B work together, working 8 hours a day, in how many days can they complete the work?

a. 60/11 b. 61/11 c. 71/11 d. 81/11

38. X, Y, Z together can complete a piece of work in 10 days. All the three started working at it together and after 4 days X left. Then Y and Z together completed the work in 10 more days. X alone could complete the work in?

a. 15 b. 16 c. 25 d. 50

39. The average of 11 numbers is 36, and average of first 9 numbers is 34. If last two numbers are in the ratio 2 : 3 then find the smallest number in the last two.

a. 18 b. 36 c. 54 d. 60

40. A man walks $\frac{5}{8}$ part of his journey at a speed of 5 kmph and remaining at a speed of 3 kmph. What is the average speed during his whole journey?

a. 3.5 b. 4.2 c. 4.5 d. 4

41. $(5438 + 887 + 1175) \div 384 = ?$

a) 18 b) 16 c) 20 d) 24 e) 22

42. $\sqrt{859} * \sqrt{13} = ?$

a) 115 b) 97 c) 126 d) 105 e) 130

43. 28, 112, 14, ?, 10.5, 210

a) 168 b) 182 c) 154 d) 193 e) None

44. In each of these questions, two equations numbered I and II with variables x and y are given. You have to solve both the equations to find the value of x and y.

(a) if $x > y$ (b) if $x \geq y$ (c) if $x < y$ (d) if $x \leq y$ (e) if $x = y$ or relationship between x and y cannot be determined.

I. $16x^2 - 68x + 72 = 0$ II. $8y^2 - 58y + 99 = 0$

a. A b. B c. C d. D e. E

45. I. $x^2 + 4x - 21 = 0$ II. $y^2 + 14y + 48 = 0$

a. A b. B c. C d. D e. E

46. I. $x^2 + 16x + 64 = 0$

II. $7y^2 - 2\sqrt{21}y + 3 = 0$

a. A b. B c. C d. D e. E

47. The difference between 34% of a number and 25% of the same number is 540. What is 56% of the number?

a) 3960 b) 3360 c) 3490 d) 3150
e) 3950

48. The inner diameter of a well is 28meters. If the well is 40 meters deep then what is its volume?

a) 27218 m³ b) 27282 m³ c) 22176 m³
d) 23708 m³ e) None

49. If a commission of 15% is given on MP of book, the publisher gains 125% if the commission is increase to 20% the gain % is?

a) 17 11/17 b) 10 5/17 c) 20 9/17
d) 15 7/17 e) None

50. P takes 4 hr more than Q to walk x km. If P doubles his speed then he can make it

in 2 hr less than Q. How much time does Q require for walking x km?

- a) 8 hr b) 6 hr c) 5.5 hr d) 4.5 hr
e) 9 hr

51. 27) In a class of 52 students and 12 teachers, each student got sweets that are 25% of the total number of students and each teacher got sweets that are 50% of the total number of students. How many sweets were there?

- a) 984 b) 1000 c) 900 d) 1149
e) 1550

52. There are two examinations rooms X and Y. If 15 students are sent from X to Y, then the number of students in each room is the same. If 25 candidates are sent from Y to X, then the number of students in X is double the number of students in Y. The number of students in room X is:

- a) 120 b) 180 c) 145 d) 200 e) None

53. A train covers a distance of 990 km in 15 hours. What is the average speed of the car, if the speed of the car is 40% less than the speed of the train?

- a) 71.5 kmph b) 60 kmph c) 38.5 kmph
d) 40 kmph e) 37.5 kmph

54. A is 50% more efficient than C. How much time will they, working together, take to complete a job which A alone could have done in 25 days?

- a) 11 days b) 13 days c) 20 days
d) 15 days e) None

55. $(7961 + 4389 + 6524) \div (57 + 63 + 89) = ?$

- a) 86 b) 90 c) 100 d) 120 e) 140

56. $(550.99 \div 29.01 + 684.01 \div 56.99) = ?$

- a) 48 b) 31 c) 58 d) 62 e) 74

57. $(29\% \text{ of } 659 + 71\% \text{ of } 419) = ?$

- a) 414 b) 438 c) 455 d) 492 e) 412

58. $829.01 \times 16.98 + 598.01 \div 19.98 = ?$

- a) 14140 b) 11404 c) 14104 d) 14410
e) 14401

59. $27\% \text{ of } 783 + 39.01 \times 26.98 = ?$

- a) 1204 b) 1218 c) 1265 d) 1281
e) 1276

60. Study the following table carefully to answer these questions. Marks obtained by six students in five different subjects

Subject	Sociology (75)	Mathematics (120)	English (150)	Geology (80)	Physiology (60)
Student					
Sathya	70	105	130	58	41
Saravanan	63	99	115	36	35
Suresh	45	85	108	63	39
Sarath	69	108	129	65	44
Santhosh	57	89	100	45	46
Sabari	39	111	126	71	53

What is the ratio of the total marks obtained in all subjects by Suresh, that by Sarath and that by Sabari?

- a) 63 : 64 : 65 b) 68 : 83 : 80 c) 65 : 83 : 86
d) 85 : 86 : 63 e) None

61. What are the average marks obtained by all students in Physiology when expressed in percentage terms?

- a) 71.66% b) 75.62% c) 73.41%
d) 70.66% e) None

62. What is the overall percentage marks obtained by Santhosh in all subjects?

- a) 70.34% b) 60.29% c) 69.48%
d) 74.83% e) None

63. Whom among the following scored in Mathematics closest to the average marks in Mathematics?

- a) Santhosh b) Suresh c) Sathya
d) Saravanan e) Sarath

64. In which subject did Sathya score the maximum marks out of a hundred?

- a) English b) Sociology c) Mathematics
d) Geology e) None

65. The average age of a man and his son is 56 years. The ratio of their ages is 6: 1. What is the difference between the ages of the man and his son?

- a) 60 years b) 80 years c) 65 years
d) 75 years e) None

66. 401, 401, 394, 368, 305, ?

- a) 90 b) 100 c) 120 d) 80

67. P starts business with a capital of 7200. Q and R joins with some investment after 4

months and 8 months respectively. If at the end of the year they earn profit of 6 : 5 : 4 respectively. What is R's investment in the Business?

- a) 6000 b) 7000 c) 8000 d) 7200
e) None

68. A student bought 17 books for Rs. 1750 from one books shop and 23 books for Rs. 2250 from another. The average price (in rupees), he paid per book was:

- a) 100 b) 127.50 c) 135 d) 138
e) None

69. When the numerator and the denominator of a fraction are increased by 2 and 5 respectively, the fraction becomes $\frac{3}{7}$ and when the numerator and the denominator of the same fraction are increased by 1 and 3 respectively, the fraction becomes $\frac{3}{8}$. What is the original fraction?

- a) $\frac{5}{16}$ b) $\frac{7}{15}$ c) $\frac{3}{17}$ d) $\frac{13}{7}$
e) None

70. If the square of a number is subtracted from 6346 and the difference is multiplied by 25, the answer so obtained is 56250. What is the number?

- a) 64 b) 1024 c) 36 d) 1296
e) None

PART 3: ENGLISH

71. Read the following passage and answer the below given questions:

A recent report in News Week says that in American colleges, students of Asian origin outperform not only the minority group students but the majority whites as well. Many of these students must be of Indian origin, and their achievement is something we can be proud of. It is unlikely that these talented youngsters will come back to India, and that is the familiar brain drain problem. However recent statements by the nation's policy-makers indicate that the perception of this issue is changing. 'Brain bank' and not 'brain drain' is the more appropriate idea, they suggest since the expertise of Indians abroad is only deposited in other places and not lost. This may be so, but this brain bank, like most other banks, is one that primarily serves customers in its neighborhood. The skills of the Asians now excelling in America's colleges will mainly help the U.S.A. No matter how significant, what non-resident Indians do for India and what their counterparts do for other Asian lands is only a by-product. But it is also necessary to ask, or be reminded, why Indians study fruitfully when abroad. The Asians whose accomplishments News Week records would have probably had a very different tale if they had studied in India. In America they found elbow room, books and facilities not available and not likely to be available here. The need to prove themselves in their new country and the competition of an international standard they faced there must have cured mental and physical laziness. But other things helping them in America can be obtained here if we achieve a change in social

attitudes, especially towards youth. We need to learn to value individuals and their unique qualities more than conformity and respectability. We need to learn the language of encouragement to add to our skill in flattery. We might also learn to be less liberal with blame and less tight fisted with appreciation, especially.

Among the many groups of students in American colleges, Asian students:

- a) are often written about in magazines like News Week.
- b) are most successful academically.
- c) have proved that they are as good as the whites.
- d) have only a minority status like the blacks.
- e) Were always poor in academics.

72) The student of Asian origin in America includes:

- a) NRI students of India.
- b) a small group from India.
- c) Person from India who are very proud.
- d) Indians who are the hardest working for all.
- e) a fair number from India.

73) In general, the talented young Indians studying in America:

- a) have a reputation for being hard working.

b) have the opportunity to contribute to India's development.

c) can solve the brain drain problem because of recent changes in policy.

d) will not return to pursue their careers in India.

e) Have developed more start-ups in America.

74) There is talk now of the 'brain bank'. This idea:

a) is a solution to the brain drain problem.

b) is a new problem caused partly by the brain drain.

c) is a new way of looking at the role of qualified Indians living abroad.

d) is based on a plan to utilize foreign exchange remittances to stimulate research and development.

e) is the name of the start-up created by Indian students.

75) The brain bank has limitations like all banks in the sense that:

a) a bank's services go mainly to those near it.

b) small neighbourhood banks are not visible in this age of multinationals.

c) only what is deposited can be withdrawn and utilized.

d) no one can be forced to put his assets in a bank.

e) The service will be limited to particular branch zone.

76) The author feels that what non-resident Indians do for India :

a) will have many useful side effects.

b) will not be their main interest and concern.

c) can benefit other Asian countries, as a by-product.

d) can American colleges be of service to the world community.

e) will promote education in America .

77) The performance of Indians when they go to study in the West:

a) shows the fruits of hardwork done by school teachers in India.

b) should remind us that knowledge and wisdom are not limited by the boundaries of race and nation.

c) is better than people in the West expect of non-whites.

d) is better than what it would have been if they had studied in India.

e) None of these .

78) Find the word which has exactly same meaning to 'flattery' in reference to the passage?

- a) conciliation b) Degrade c) Mortify
d) adulation e) relinquish

79) Find the word which has exactly same meaning to 'perception' in reference to the passage ?

- a) squabble b) recommendation
c) discernment d) verdict e) edict

80) Find the word which has exactly opposite meaning to 'counterparts' in reference to the passage ?

- a) Correlative b) compeer c) antithesis
d) Competitor e) Peer

In the following passage there are blanks each of which has been numbered, these numbers are printed below the passage and against each five words have been suggested, one of which fits the blanks appropriately. Find out the appropriate word in each case.

Given the (81) of black money in the economy is large, even though declining, and that a large part of these transactions take place in cash, it is natural the government would want to find ways to deal with this. The finance secretary, for instance, has said that one of the (82) being considered is that no one paying a bill of more than Rs 5,000 in a restaurant should be allowed to do so in cash—once the amount is paid by credit or debit card, it automatically leaves a trail for the taxman to (83) since bank accounts have PAN card details. At some point, presumably, the same principle needs to be extended to

luxury boutiques/shops and showrooms for automobiles, among others. The finance secretary, in fact, has said the government will set up a committee to suggest ways to incentivise credit and debit card transactions. One of them, he said, could be to share the costs of the Point of Sale device; greater spread of the RuPay cards could be another, (84) their charges are lower. Another suggestion made has been to limit the amount of cash that can be (85) while purchasing property. While discouraging the use of cash is a good thing, it is unlikely incentivising the use of credit/debit cards is going to be of much use. A person buying a house or a luxury car, or paying for an expensive meal in a luxury hotel in cash is not doing so to avoid paying the service charge levied by Visa or MasterCard—the idea is to avoid getting (86) in the tax net. It is equally important to recognise that (87) mandating some things will not help. There is, for instance, no way of ensuring a limit, of say Rs50,000, for the cash payment on the purchase of a flat as long as the registration is being done at a lower value than the actual one. The only way to check this is to do other reforms like lowering stamp duties, (88) circle rates with market values and refuse to recognise power of attorneys as proof of sale. The other, and more sensible, way is to make use of the troves of information the government already (89) by way of annual information returns from jewelers, real estate firms, automobile dealers, hotels, property registrars, travel agents and airlines among others. Once a profile is

available of large spenders, this needs to be (90) with the income tax returns.

81) a) venture b) functional c) splits d) commission e) share

82) a) capacity b) measures c) sizes d) degrees e) extreme

83) a) remedy b) conspire c) follow d) omit e) decide

84) a) given b) considerate c) suspicious d) inclined e) foremost

85) a) charged b) reimburse c) loan d) raised e) paid

86) a) consoled b) caught c) resolved d) discover e) regret

87) a) hardly b) individually c) merely d) faintly e) diagonally

88) a) fixed b) tighten c) bring d) regulates

89) a) dispense b) chased c) secure d) collects e) correlate

90) a) intended b) reigned c) diverted d) matched e) concerned

(91-100) Read each sentence to find out whether there is any grammatical error in it. The error, if any will be in one part of the sentence. The letter of that part is the answer. If there is no error, the answer is 'E'. (Ignore the errors of punctuation, if any)

91) Although he (a) / only earns eight hundred rupees a month, (b) / he manages

to support (c) / his family adequately (d) / No error (e) .

92) After toiling very hard (a) / over a long period (b) / he found (c) / he had hardly made no profit at all (d) / No error (e).

93) It seems evidently (a) / to me that the visits they (b) / made to the island (c) / were not very frequent (d) / No error (e).

94) I had (a) / gone (b) / to Calcutta (c) / to deliver few good (d) / No error (e).

95) He got to the top (a) / and was very disappointed (b) / when he found that someone else (c) / had reached it earlier (d) / No error (e).

96) The students should (a) / do their lessons regular (b) / from beginning (c) / of the term (d) / No error (e).

97) It is always easy (a) / to talk about a (b) / thing than to do (c) / it ourselves (d) / No error (e).

98) I often gave (a) / him money and (b) / I gave (c) / him few yesterday (d) / No error (e).

99) My all hopes (a) / were dashed to the ground (b) / when I came to know (c) / that my son had fallen in bad company (d) / No error (e).

100) We seldom (a) / or ever see (b) / those happy (c) / who are selfish (d) / No error (e).