

BVOC SHIFT 2

- Two students appeared for an examination. One of them secured 9 marks more than the other and his marks was 56% of the sum of their marks. The marks obtained by them are
 - 39, 30
 - 41, 32
 - 42, 33
 - 43, 34
- What percentage of numbers from 1 to 70 has 1 or 9 in the unit's digit?
 - 2
 - 14
 - 19
 - 20
- In an election between two candidates, one got 55% of the total valid votes, 20% of the votes were invalid. If the total number of votes was 7500, the number of valid votes that the other candidate got, was
 - 2550
 - 2650
 - 2700
 - 2750
- Raju went to the supermarket and bought things worth Rs. 25, out of which 30 paise went on sales tax on taxable purchases. If the tax rate was 6%, then what was the cost of the tax-free items?
 - Rs. 16.70
 - Rs. 18.70
 - Rs. 19.70
 - Rs. 20.70
- The population of a city increased from 1,62,358 to 2,49,858 in a decade. The average percent increase of population per year is
 - 5.28%
 - 5.38%
 - 6.08%
 - 6.28%

6. In a mixture 60 litres, the ratio of milk and water 2 : 1. If this ratio is to be 1 : 2, then the quantity of water to be further added is
- (A) 40 Litres
 - (B) 50 Litres
 - (C) 60 Litres
 - (D) 70 Litres
7. Salaries of Ravi and Sumit were in the ratio 2 : 3. When the salary of each was increased by Rs. 4000, the new ratio becomes 40 : 57. What is Sumit's present salary?
- (A) Rs. 34,000
 - (B) Rs. 38,000
 - (C) Rs. 39,000
 - (D) Rs. 40,000
8. In a bag, there are coins of 25 p, 10 p and 5 p in the ratio of 1 : 2 : 3. If there is Rs. 30 in all, how many 5 p coins are there?
- (A) 100
 - (B) 150
 - (C) 200
 - (D) 250
9. If 40% of a number is equal to two-third of another number, what is the ratio of first number to the second number?
- (A) 2 : 5
 - (B) 3 : 7
 - (C) 5 : 3
 - (D) 7 : 3
10. Two numbers are respectively 20% and 50% more than a third number. The ratio of the two numbers is
- (A) 2 : 5
 - (B) 3 : 5
 - (C) 4 : 5
 - (D) 6 : 7

11. How many of the following numbers are divisible by 132?

264, 396, 462, 792, 968, 2178, 5184, 6336

- (A) 3
- (B) 4
- (C) 5
- (D) 6

12. The sum of first 45 natural numbers is

- (A) 1030
- (B) 1035
- (C) 1040
- (D) 1045

13. A number when divided by 296 leaves 75 as remainder. When the same number is divided by 37, the remainder will be

- (A) 1
- (B) 2
- (C) 4
- (D) 8

Direction: Study the following table and answer the questions based on it.

Expenditures of a Company (in Lakh Rupees) per Annum Over the given Years.

Year	Item of Expenditure				
	Salary	Fuel and Transport	Bonus	Interest on Loans	Taxes
1998	288	98	3	23.4	83
1999	342	112	2.52	32.5	108
2000	324	101	3.84	41.6	74
2001	336	133	3.68	36.4	88
2002	420	142	3.96	49.4	98

14. What is the average amount of interest per year which the company had to pay during this period?

- (A) Rs. 32.43 lakhs
- (B) Rs. 33.72 lakhs
- (C) Rs. 34.18 lakhs
- (D) Rs. 36.66 lakhs

15. The total amount of bonus paid by the company during the given period is approximately what percent of the total amount of salary paid during this period?
- (A) 0.1%
 (B) 0.5%
 (C) 1%
 (D) 1.25%
16. Total expenditure on all these items in 1998 was approximately what percent of the total expenditure in 2002?
- (A) 62%
 (B) 66%
 (C) 69%
 (D) 71%
17. The total expenditure of the company over these items during the year 2000 is
- (A) Rs. 544.44 lakhs
 (B) Rs. 501.11 lakhs
 (C) Rs. 446.46 lakhs
 (D) Rs. 478.87 lakhs
18. The ratio between the total expenditure on Taxes for all the years and the total expenditure on Fuel and Transport for all the years respectively is, approximately
- (A) 4 : 7
 (B) 10 : 13
 (C) 15 : 18
 (D) 5 : 8

Direction: Study the following table and answer the questions based on it.

Classification of 100 Students Based on the Marks Obtained by them in Mathematics and Chemistry in an Examination.

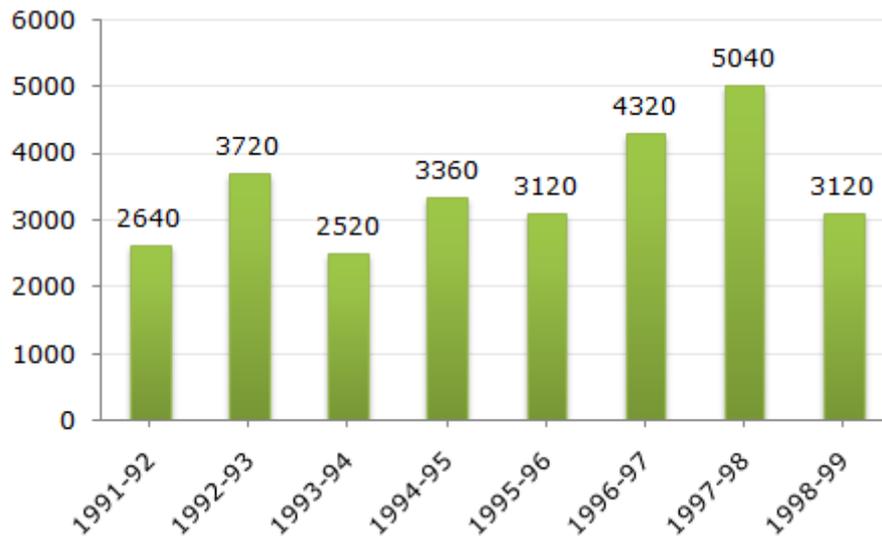
Subject	Marks out of 100				
	80 and above	60 and above	40 and above	20 and above	0 and above
Mathematics	9	32	80	92	100
Chemistry	4	21	66	81	100
Average (Aggregate)	7	27	73	87	100

19. What is the difference between the number of students passed with 60 as cut-off marks in Chemistry and those passed with 60 as cut-off marks in aggregate?
- (A) 5
 - (B) 4
 - (C) 3
 - (D) 6
20. If at least 60% marks in Mathematics are required for pursuing higher studies in Mathematics, how many students will be eligible to pursue higher studies in Mathematics?
- (A) 34
 - (B) 32
 - (C) 27
 - (D) 41
21. The percentage of number of students getting at least 60% marks in Chemistry over those getting at least 40% marks in aggregate, is approximately
- (A) 31%
 - (B) 27%
 - (C) 29%
 - (D) 21%
22. The number of students scoring less than 40% marks in aggregate is
- (A) 19
 - (B) 13
 - (C) 20
 - (D) 27

Direction: Study the following graph and answer the questions based on it.

The bar graph given below shows the foreign exchange reserves of a country (in million US \$) from 1991 - 1992 to 1998 - 1999.

Foreign Exchange Reserves of a Country. (in million US \$)

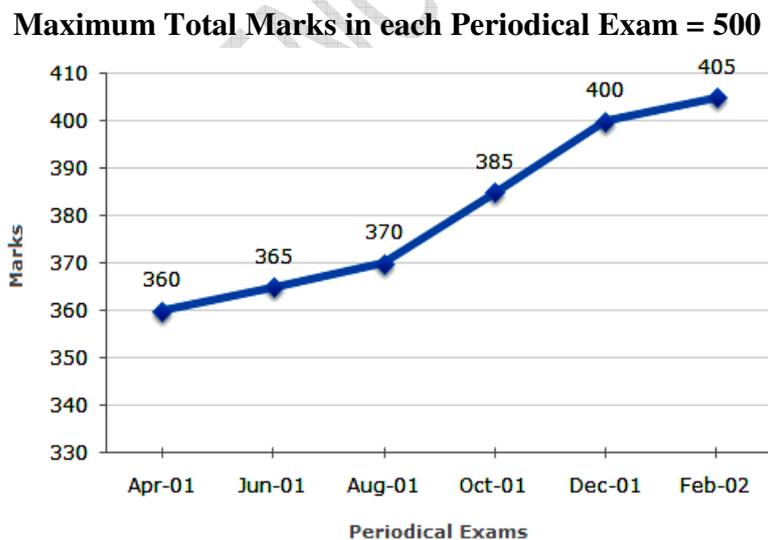


23. The ratio of the number of years, in which the foreign exchange reserves are above the average reserves, to those in which the reserves are below the average reserves is?
- (A) 2 : 6
(B) 3 : 4
(C) 3 : 5
(D) 4 : 4
24. The foreign exchange reserves in 1997-98 was how many times that in 1994-95?
- (A) 0.7
(B) 1.2
(C) 1.4
(D) 1.5
25. For which year, the percent increase of foreign exchange reserves over the previous year, is the highest?
- (A) 1992-93
(B) 1993-94
(C) 1994-95
(D) 1996-97

26. The foreign exchange reserves in 1996-97 were approximately what percent of the average foreign exchange reserves over the period under review?
- (A) 95%
 (B) 110%
 (C) 115%
 (D) 124%
27. What was the percentage increase in the foreign exchange reserves in 1997-98 over 1993-94?
- (A) 100
 (B) 150
 (C) 200
 (D) 620

Direction: In a school the periodical examination are held every second month. In a session during April 2001 - March 2002, a student of Class IX appeared for each of the periodical exams. The aggregate marks obtained by him in each periodical exam are represented in the line-graph given below.

Marks Obtained by student in Six Periodical Held in Every Two Months during the Year in the Session 2001 - 2002.



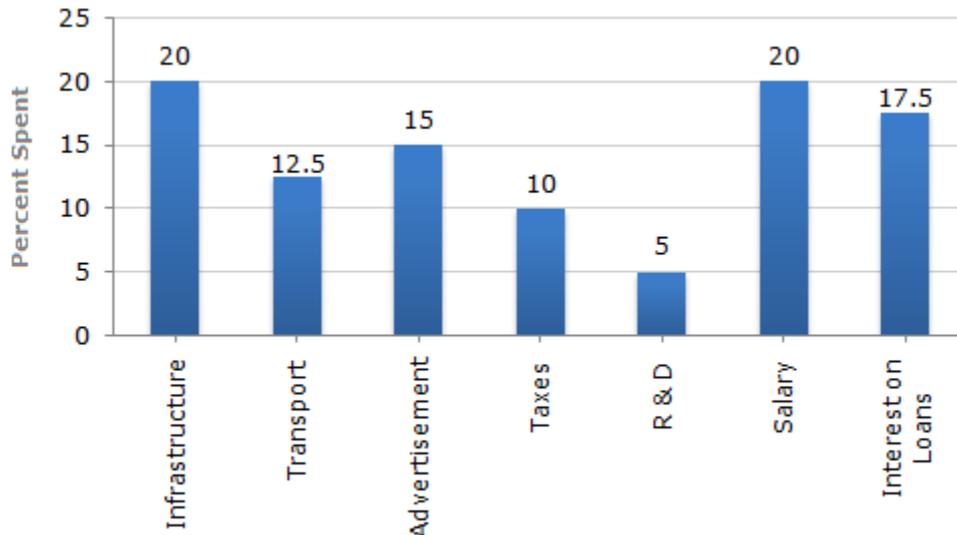
28. In which periodical exams did the student obtain the highest percentage increase in marks over the previous periodical exams?
- (A) June, 01
 (B) August, 01
 (C) October, 01
 (D) December, 01

29. The total number of marks obtained in Feb. 02 is what percent of the total marks obtained in April 01?
- (A) 110%
 - (B) 112.5%
 - (C) 115%
 - (D) 116.5%
30. What is the percentage of marks obtained by the student in the periodical exams of August, 01 and October, 01 taken together?
- (A) 73.25%
 - (B) 75.5%
 - (C) 77%
 - (D) 78.75%
31. What are the average marks obtained by the student in all the periodical exams during the session 2001-2002?
- (A) 373
 - (B) 379
 - (C) 381
 - (D) 385
32. In which periodical exams there is a fall in percentage of marks as compared to the previous periodical exams?
- (A) None
 - (B) June, 01
 - (C) October, 01
 - (D) February, 02

Direction: Study the bar chart and answer the question based on it.

The bar graph given below shows the percentage distribution of the total expenditures of a company under various expense heads during 2003.

Percentage Distribution of Total Expenditure of a Company



33. The total amount of expenditures of the company is how many times of expenditure on research and development?
- (A) 27
(B) 20
(C) 18
(D) 8
34. If the expenditure on advertisement is 2.10 crores then the difference between the expenditure on transport and taxes is?
- (A) Rs. 1.25 crores
(B) Rs. 95 lakhs
(C) Rs. 65 lakhs
(D) Rs. 35 lakhs
35. What is the ratio of the total expenditure on infrastructure and transport to the total expenditure on taxes and interest on loans?
- (A) 5 : 4
(B) 8 : 7
(C) 9 : 7
(D) 13 : 11

36. If the interest on loans amounted to Rs. 2.45 crores then the total amount of expenditure on advertisement, taxes and research and development is
- (A) Rs. 7 crores
 - (B) Rs. 5.4 crores
 - (C) Rs. 4.2 crores
 - (D) Rs. 3 crores
37. The expenditure on the interest on loans is by what percent more than the expenditure on transport?
- (A) 5%
 - (B) 10%
 - (C) 20%
 - (D) 40%
38. The average of 20 numbers is zero. Of them, at the most, how many may be greater than zero?
- (A) 0
 - (B) 1
 - (C) 10
 - (D) 19
39. The average monthly income of P and Q is Rs. 5050. The average monthly income of Q and R is Rs. 6250 and the average monthly income of P and R is Rs. 5200. The monthly income of P is
- (A) 3500
 - (B) 4000
 - (C) 4050
 - (D) 5000
40. A car owner buys petrol at Rs.7.50, Rs. 8 and Rs. 8.50 per litre for three successive years. What approximately is the average cost per litre of petrol if he spends Rs. 4000 each year?
- (A) Rs. 7.98
 - (B) Rs. 8
 - (C) Rs. 8.50
 - (D) Rs. 9

41. The average weight of A , B and C is 45 kg. If the average weight of A and B be 40 kg and that of B and C be 43 kg, then the weight of B is
- (A) 17 kg
 - (B) 20 kg
 - (C) 26 kg
 - (D) 31 kg
42. A library has an average of 510 visitors on Sundays and 240 on other days. The average number of visitors per day in a month of 30 days beginning with a Sunday is
- (A) 250
 - (B) 276
 - (C) 280
 - (D) 285
43. The price of 10 chairs is equal to that of 4 tables. The price of 15 chairs and 2 tables together is Rs. 4000. The total price of 12 chairs and 3 tables is
- (A) Rs. 3500
 - (B) Rs. 3750
 - (C) Rs. 3840
 - (D) Rs. 3900
44. One-third of Rahul's savings in National Savings Certificate is equal to one-half of his savings in Public Provident Fund. If he has Rs. 1,50,000 as total savings, how much has he saved in Public Provident Fund ?
- (A) Rs. 30,000
 - (B) Rs. 50,000
 - (C) Rs. 60,000
 - (D) Rs. 90,000
45. A running man crosses a bridge of length 500 meters in 4 minutes. At what speed he is running?
- (A) 7.5 km/hr
 - (B) 8.5 km/hr
 - (C) 9.5 km/hr
 - (D) 6.5 km/hr

46. In a regular week, there are 5 working days and for each day, the working hours are 8. A man gets Rs. 2.40 per hour for regular work and Rs. 3.20 per hours for overtime. If he earns Rs. 432 in 4 weeks, then how many hours does he work for?
- (A) 160
(B) 175
(C) 180
(D) 195
47. A man has some hens and cows. If the number of heads be 48 and the number of feet equals 140, then the number of hens will be
- (A) 22
(B) 23
(C) 24
(D) 26
48. What decimal of an hour is a second?
- (A) 0.0025
(B) 0.0256
(C) 0.00027
(D) 0.000126
49. If $2494 \div 14.5 = 172$, then $24.94 \div 1.45 = ?$
- (A) 0.172
(B) 1.72
(C) 17.2
(D) 172
50. In how many different ways can the letters of the word 'LEADING' be arranged in such a way that the vowels always come together?
- (A) 360
(B) 480
(C) 720
(D) 5040
51. In how many ways can a group of 5 men and 2 women be made out of a total of 7 men and 3 women?
- (A) 63
(B) 90
(C) 126
(D) 45

52. If 10 men dig 20 ditches in 30 minutes how long will it take 5 men to dig 10 ditches?
- (A) 50 minutes
 - (B) 40 minutes
 - (C) 30 minutes
 - (D) 20 minutes
53. If a train is running 3 minutes late and losing 3 seconds per minute how many more minutes will it take for the train to be running an hour late?
- (A) 1140
 - (B) 1150
 - (C) 1160
 - (D) 1170
54. In a class average age of 15 boys is 11. If 5 boys each of age 9 were added, what would be the new average?
- (A) 20 years
 - (B) 10 years
 - (C) 10.5 years
 - (D) 23 years
55. Raju flew from Cochin to New Delhi with a stop in Mumbai to switch planes. The flight from Cochin to Mumbai was 2 hours and 45 minutes long. Raju was in Mumbai for 2 hours and 30 minutes, and his flight from Mumbai to New Delhi was 1 hour and 45 minutes long. Raju landed in New Dehi at 7:15 p.m. What time did Raju's first flight leave Cochin?
- (A) 12.00 Noon
 - (B) 12.30 PM
 - (C) 12.15 PM
 - (D) 1.00 PM
56. A plumber bought some pieces of copper and plastic pipe. Each piece of copper pipe was 10 meters long and each piece of plastic pipe was 2 meters long. He bought 6 pieces of pipe. The total length of the pipe was 28 meters. How many pieces of each type of pipe did the plumber buy?
- (A) 2 copper and 4 plastic pipes
 - (B) 1 copper and 4 plastic pipes
 - (C) 3 copper and 3 plastic pipes
 - (D) 1 copper and 3 plastic pipes

57. If the area of a square increases by 69%, then the side of the square increases by
- (A) 13%
 - (B) 69%
 - (C) 39%
 - (D) 30%
58. A group consists of two male, two female and three children. The average age of the male is 67 years, that of the female is 35 years, and that of the children is six years. What is the average age of the group?
- (A) 30.71
 - (B) 31.71
 - (C) 28.71
 - (D) 35.45
59. $4^{33} + 4^{33} + 4^{33} + 4^{33} =$
- (A) 4^{132}
 - (B) 4^{122}
 - (C) 16^{17}
 - (D) 16^{66}
60. A, B and C start at the same time in the same direction to run around a circular stadium. A completes a round in 252 seconds, B in 308 seconds and C in 198 seconds, all starting at the same point. After what time will they meet again at the starting point?
- (A) 15 minutes 15 seconds
 - (B) 42 minutes 30 seconds
 - (C) 42 minutes
 - (D) 46 minutes 12 seconds

61. **Direction:** In the given question, there is a sentence of which some parts have been jumbled up, which are labelled P, Q, R and S. Rearrange these parts to produce the correct sentence and choose the proper sequence from the given alternatives.

When he

- P: did not know
Q: he was nervous and
R: heard the hue and cry at midnight
S: what to do

- (A) RQPS
(B) QSPR
(C) SQPR
(D) PQRS

62. **Direction:** In the given question, there is a sentence of which some parts have been jumbled up, which are labelled P, Q, R and S. Rearrange these parts to produce the correct sentence and choose the proper sequence from the given alternatives.

I enclose

- P: and the postage
Q: a postal order
R: the price of books
S: which will cover

- (A) RPSQ
(B) QSPR
(C) QSRP
(D) QPSR

63. **Direction:** In the given question, there is a sentence of which some parts have been jumbled up, which are labelled P, Q, R and S. Rearrange these parts to produce the correct sentence and choose the proper sequence from the given alternatives.

He was so kind and generous that

- P: he not only
Q: made others do so
R: but also
S: helped them himself

- (A) PSRQ
(B) SPQR
(C) PRSQ
(D) QPRS

64. **Direction:** In the given question, there is a sentence of which some parts have been jumbled up, which are labelled P, Q, R and S. Rearrange these parts to produce the correct sentence and choose the proper sequence from the given alternatives.

Little

- P: that he had been let down
Q: stood by all these years
R: did he realize
S: by a colleague whom he had

- (A) RPSQ
(B) RSQP
(C) QSRP
(D) QSPR

65. **Direction:** In the given question, there is a sentence of which some parts have been jumbled up, which are labelled P, Q, R and S. Rearrange these parts to produce the correct sentence and choose the proper sequence from the given alternatives.

When it began to rain suddenly on the first of January

- P: to celebrate the new year
Q: we ran for shelter
R: to the neighbouring house
S: where many people had gathered

- (A) QRPS
(B) PSQR
(C) PRSQ
(D) QRSP

66. **Direction:** Which of phrases given below each sentence should replace the phrase printed in bold type to make it grammatically correct?

He is too important **for tolerating** any delay.

- (A) to tolerate
(B) to tolerating
(C) at tolerating
(D) with tolerating

67. **Direction:** Which of phrases given below each sentence should replace the phrase printed in bold type to make it grammatically correct?

Why **should the candidates be** afraid of English Language is not clear.

- (A) the candidates should be
- (B) do the candidates be
- (C) should be the candidates
- (D) are the candidates

68. **Direction:** Which of phrases given below each sentence should replace the phrase printed in bold type to make it grammatically correct?

She cooks, washes dishes, does her homework and **then relaxing**.

- (A) relaxing then
- (B) then is relaxing
- (C) relaxing is then
- (D) then relaxes

69. Identify in which part of the sentence there is an error.

It was a drawn game as neither of the teams were able to score a goal.

- (A) It was
- (B) a drawn game
- (C) as neither of the teams were
- (D) able to score a goal

70. Fill in the blank to make the sentence meaningfully complete.

The grapes are nowenough to be picked.

- (A) ready
- (B) mature
- (C) ripe
- (D) advanced

71. Choose the one which can be substituted for the given sentence.

A person of good understanding knowledge and reasoning power

- (A) Expert
- (B) Intellectual
- (C) Snob
- (D) Literate

72. Choose the one which can be substituted for the given sentence.

List of the business or subjects to be considered at a meeting

- (A) Schedule
- (B) Timetable
- (C) Agenda
- (D) Plan

73. Choose the one which can be substituted for the given sentence.

A person pretending to be somebody he is not

- (A) Magician
- (B) Rogue
- (C) Liar
- (D) Imposter

74. Choose the one which can be substituted for the given sentence.

Responsible according to law

- (A) Liable
- (B) Legalised
- (C) Legitimate
- (D) Eligible

75. Choose the one which can be substituted for the given sentence.

Doctrine that there is only one God

- (A) Dualism
- (B) Nihilism
- (C) Communism
- (D) Monotheism

76. **Direction:** Choose the appropriate voice form of the sentence given below.

I remember my sister taking me to the museum.

- (A) I remember I was taken to the museum by my sister.
- (B) I remember being taken to the museum by my sister.
- (C) I remember myself being taken to the museum by my sister.
- (D) I remember taken to the museum by my sister.

77. **Direction:** Choose the appropriate voice form of the sentence given below.

Do you imitate others?

- (A) Are others being imitated by you?
- (B) Are others imitated by you?
- (C) Have others being imitated by you?
- (D) Were others being imitated by you?

78. **Direction:** Choose the appropriate voice form of the sentence given below.

The invigilator was reading out the instructions.

- (A) The instructions were read by the invigilator.
- (B) The instructions were being read out by the invigilator.
- (C) The instructions had been read out by the invigilator.
- (D) The instructions had been read by the invigilator.

79. **Direction:** Choose the appropriate voice form of the sentence given below.

You can play with these kittens quite safely.

- (A) These kittens can played with quite safely.
- (B) These kittens can play with you quite safely.
- (C) These kittens can be played with you quite safely.
- (D) These kittens can be played with quite safely.

80. **Direction:** The following question consists of two words which have a certain relationship to each other which is followed by four pairs of related words. Select the pair which has the same relationship.

THRUST: SPEAR

- (A) Mangle : Iron
- (B) Scabbard : Sword
- (C) Bow : Arrow
- (D) Fence : Epee

81. **Direction:** The following question consists of two words which have a certain relationship to each other which is followed by four pairs of related words. Select the pair which has the same relationship.

AFTER: BEFORE

- (A) First : Second
- (B) Present : Past
- (C) Contemporary : Historic
- (D) Successor : Predecessor

82. **Direction:** The following question consists of two words which have a certain relationship to each other which is followed by four pairs of related words. Select the pair which has the same relationship.

DISTANCE: MILE

- (A) Liquid : Litre
- (B) Bushel : Corn
- (C) Weight : Scale
- (D) Fame : Television

83. **Direction:** The following question consists of two words which have a certain relationship to each other which is followed by four pairs of related words. Select the pair which has the same relationship.

ARMY: LOGISTICS

- (A) Business : Strategy
- (B) Soldier : Students
- (C) War : Logic
- (D) Team : Individual

84. **Direction:** The following question consists of two words which have a certain relationship to each other which is followed by four pairs of related words. Select the pair which has the same relationship.

HOPE: ASPIRES

- (A) Love : Elevates
- (B) Film : Flam
- (C) Fib : Lie
- (D) Fake : Ordinary

85. Choose the word **OPPOSITE** in meaning to the word given in bold letters.

CONCILIATION

- (A) Dispute
- (B) Irritation
- (C) Separation
- (D) Confrontation

86. Choose the word **OPPOSITE** in meaning to the word given in bold letters.

MYTH

- (A) Fable
- (B) Fact
- (C) Falsehood
- (D) Story

87. Choose the word **OPPOSITE** in meaning to the word given in bold letters.

RELUCTANTLY

- (A) Pleasingly
- (B) Willingly
- (C) Satisfactorily
- (D) Happily

88. Choose the word **OPPOSITE** in meaning to the word given in bold letters.

MUTILATE

- (A) Instruct
- (B) Induct
- (C) Conduct
- (D) Mend

89. Choose the word **OPPOSITE** in meaning to the word given in bold letters.

LAMENT

- (A) Rejoice
- (B) Rejuvenate
- (C) Complain
- (D) Cry

90. Choose the word which best expresses the meaning of the word given in bold letters.

OBNOXIOUS

- (A) Depressing
- (B) Disgusting
- (C) Arrogant
- (D) Filthy

91. Choose the word which best expresses the meaning of the word given in bold letters.

COVENANT

- (A) Case
- (B) Coupon
- (C) Contract
- (D) Settlement

92. Choose the word which best expresses the meaning of the word given in bold letters.

DEFERENCE

- (A) Indifference
- (B) Sympathy
- (C) Respect
- (D) Flattery

93. Choose the word which best expresses the meaning of the word given in bold letters.

ABROGATE

- (A) Repeal
- (B) Destroy
- (C) Delay
- (D) Dismiss

94. Choose the word which best expresses the meaning of the word given in bold letters.

INTREPID

- (A) Ambitious
- (B) Determined
- (C) Talkative
- (D) Fearless

95. **Direction:** Change the following sentence in to indirect speech.

He said, "Ravi, why are you sounding so depressed today?"

- (A) He asked Ravi why did he sound so depressed that day.
- (B) He asked Ravi why he was sounding so depressed that day.
- (C) He told Ravi why he sounded so depressed today.
- (D) He asked Ravi that why was he sounding so depressed that day.

96. **Direction:** Change the following sentence in to indirect speech.

The Principal said, "Why didn't you attend the flag hoisting ceremony, Anuj?"

- (A) The Principal asked Anuj why hadn't he attended the flag hoisting ceremony.
- (B) The Principal asked Anuj why he hadn't attended the flag hoisting ceremony.
- (C) The Principal asked Anuj why didn't he attend the flag hoisting ceremony.
- (D) The Principal asked Anuj why he didn't attend the flag hoisting ceremony.

97. Fill in the blank.

We missed the direct bus to the city. We home earlier.

- (A) should leave
- (B) left
- (C) should have left
- (D) should left

98. Fill in the blank.

Alice wanted to leave the village, because her brother shamefully treated by the villagers.

- (A) had
- (B) might have
- (C) have
- (D) had been

99. Fill in the blank.

National Voter's Day in our College with great enthusiasm last month.

- (A) has celebrated
- (B) is celebrated
- (C) celebrated
- (D) was celebrated

100. Fill in the blank.

This cricket bat is an antique. It over 200 years old.

- (A) has believed to be
- (B) believed to be
- (C) had believed to be
- (D) is believed to be

101. Fill in the blank.

If I you were coming, I would surely have waited for you.

- (A) known
- (B) had known
- (C) was knowing
- (D) was known

102. Choose the one which can be substituted for the given sentence

A person who opposes war or use of military force

- (A) Fascist
- (B) Pacifist
- (C) Narcissist
- (D) Fatalist

103. Fill in the blank with appropriate preposition.

Ritu's marriage Rakesh was tumultuous.

- (A) to
- (B) with
- (C) between
- (D) of

104. Fill in the blank with appropriate preposition.

Baggage can be covered loss or accident during travel.

- (A) against
- (B) with
- (C) along
- (D) for

105. Fill in the blank with appropriate preposition.

He was struck lightning.

- (A) by
- (B) with
- (C) at
- (D) from

Direction: Read the passage and answer the following questions.

Sometimes we went off the road and on a path through the pine forest. The floor of the forest was soft to walk on; the frost did not happen as it did on the road. But we did not mind the hardness of the road because we had nails in the soles and heels; nails bit on the frozen ruts and with nailed boots it was good walking on the road and invigorating. It was lovely walking in the woods.

106. 'Frozen ruts' means

- (A) very cold roads
- (B) wheel marks in which frost had become hard
- (C) the road covered with frost
- (D) hard roads covered with snow

107. The floor of the forest was soft because

- (A) the forest did not harden it on account of trees
- (B) the travellers were wearing boots
- (C) the shoes had nails on their sole and heel
- (D) they enjoyed walking in the woods

108. Sometimes we walked through the pine forest as

- (A) the path was unaffected by the frost
- (B) it was good walking with nails in the boots
- (C) the walks was invigorating
- (D) it was sheer joy to walk in the forest

Direction: Read the passage and answer the following questions

What one wonders, is the lowest common denominator of Indian culture today. The attractive Hema Malini! The songs of Vividh Bharati! Or the mouth-watering Masala Dosa! Delectable as these may be, each yields pride of place to that false symbol of a new era the synthetic fiber. In less than twenty years, the nylon sari and the terylene shirt have swept the countryside, penetrated to the farthest corners of the land and persuaded every common man, woman and child that the key to success in the present day world lies in artificial fibres: glass nylon, crepe nylon, tery mixes, polyesters and what have you. More than the bicycles, the wristwatch or the transistor radio, synthetic clothes have come to represent the first step away from the village square. The village lass treasures the flashy nylon sari in her trousseau most dearly: the village youth gets a great kick out of his cheap terrycot shirt and trousers, the nearest he can approximate to the expensive synthetic sported by his wealthy citybred contemporaries. And the Neo-rich craze for 'phoren' is no-where more apparent than in the price that people will pay for smuggled, stolen, begged, borrowed secondhand or thrown away synthetics. Alas, even the unique richness of the traditional tribal costume is being fast eroded by the deadening uniformity of nylon.

109. The lowest common denominator of the Indian culture today is

- (A) Hema Malini
- (B) songs of Vividh Bharati
- (C) Masala Dosa
- (D) synthetic fibre

110. The synthetic fiber has

- (A) Always been popular in India
- (B) Become popular during the last twenty years
- (C) Never been popular in India
- (D) Been as popular as other kinds of fiber

111. The latest symbol of modernity for the rural people is

- (A) The bicycle
- (B) The wristwatch
- (C) The transistor
- (D) The synthetic cloth

112. The term Neo-rich means

- (A) The aristocracy
- (B) The industrialists
- (C) The newly rich people
- (D) The common people

113. The tone of the passage is

- (A) Tragic
- (B) Ironic
- (C) Sombre
- (D) Satiric

Direction: Read the passage and answer the following questions

The achievement of science in the twentieth century has been very great. Its influence can be felt in every sphere of life. From the small pins and needles to the huge iron sheets and joints, most of the things we require for our everyday use, come out of factories where scientific principles are utilized for practical ends. Science has enabled man to bring forces of nature under control and to use them for his own advantage. It has brought the distant parts of the world close together. Our knowledge of the universe has been much widened on account of the untiring efforts of the astronomers like Jeans and Eddington. Remarkable cures of human diseases have been possible owing to the discovery of some wonderful medicines.

114. The main idea of the passage is

- (A) The impact of science can be felt in every sphere of life
- (B) Science is an anathema
- (C) Nothing is beyond the purview of science
- (D) Science can work miracles

115. What has enabled man to harness the forces of nature to the advantage of mankind?

- (A) Arts
- (B) Oratory
- (C) Bravery
- (D) Science

116. Science has proved a great boon for

- (A) Scientists
- (B) Artists
- (C) Explorers
- (D) Mankind

117. The most appropriate title for the passage will be

- (A) Science is a curse
- (B) Science, a great boon
- (C) Achievements of Science
- (D) None of the above

118. Find out which of the alternatives completes the same relationship with the word given in bold letter.

Odometer is to Mileage as **Compass** is to

- (A) Speed
- (B) Hiking
- (C) Needle
- (D) Direction

119. If in a certain language FASHION is coded as FOIHSAN, how is PROBLEM coded in that code?

- (A) ROBLEMP
- (B) PELBORM
- (C) PRBOELM
- (D) RPBOELM

120. Find out which of the alternatives completes the same relationship with the word given in bold letter.

Oar is to Rowboat as **Foot** is to

- (A) Running
- (B) Sneaker
- (C) Skateboard
- (D) Jumping

121. Choose the word from the given alternatives, which bears the same relationship to the third word.

Errata : Books : : Flaws : ?

- (A) Manuscripts
- (B) Metals
- (C) Speech
- (D) Charter

122. Find out which of the alternatives completes the same relationship with the word given in bold letter.

Pen is to Poet as **Needle** is to

- (A) Thread
- (B) Button
- (C) Sewing
- (D) Tailor

123. Choose the word that is a necessary part of the underlined word.

Book

- (A) Fiction
- (B) Pages
- (C) Pictures
- (D) Learning

Direction: Read the passage and answer the following questions.

The night was cold and dark. There was a great storm, thunder and lightning also. Most men and animals, adequately protected, were asleep in their homes. They were warm and happy. But some monkeys were running through the forest. They had no warm home and there was cold. Worried monkeys looked everywhere for shelter. They had almost resigned themselves to be flattened out by the cold. Suddenly they saw some fireflies. Now, fireflies have a light in their tails, as all our children know. The monkeys took the light for fire. Poor things, they did not know any better. They said, "We will go near the fire and warm ourselves."

There was a flock of birds in a tree nearby. One bird had a kind heart, and it felt sorry for the monkeys. It called out, "That is not fire, my friends! Those are fireflies. They give no heat. It is futile to run after them". The monkeys got furious. Their rage knew no bounds. They did not thank the bird. One monkey said rudely, "Is it so? We do not want unsolicited advice. I will teach you to way there is no fire". He jumped up the tree and pulled the poor bird out of its nest. "Alas!" Said the poor bird, "Why did I try to help a fool?"

124. The monkeys were running through the forest because they were

- (A) in search of food
- (B) running about
- (C) in search of a warm place
- (D) kill birds and eat them away

125. Why were the monkeys angry?

- (A) The birds spoke to the monkeys rudely
- (B) The monkeys did not like the advice of the bird
- (C) The monkeys could not get heat from the fireflies
- (D) It was very cold and they could not find a warm place

126. What happened finally to the bird?

- (A) The bird flew away from the tree
- (B) The bird was killed by the monkey
- (C) The bird managed to escape from the monkey's hold
- (D) None of the above

127. Which of the following is not true in the context of the passage?

- (A) The night was cold and dark
- (B) The bird had a kind heart
- (C) Fireflies have a light in their tails
- (D) Most of the monkeys were in search of food

128. Look at this series.

8, 6, 9, 23, 87, ...

What number should come next?

- (A) 128
- (B) 226
- (C) 324
- (D) 429

129. Look at this series.

14, 28, 20, 40, 32, 64, ...

What number should come next?

- (A) 52
- (B) 56
- (C) 96
- (D) 128

130. Here are some words translated from an artificial language.

migenlasan means cupboard

lasanpoen means boardwalk

cuopdansa means Pullman

Which word could mean "walkway"?

- (A) poenmigen
- (B) cuopeisel
- (C) lasandansa
- (D) poenforc

131. Here are some words translated from an artificial language.

granamelke means big tree

pinimelke means little tree

melkehoon means tree house

Which word could mean "big house"?

- (A) granahoon
- (B) pinishur
- (C) pinihoon
- (D) melkegrana

132. Here are some words translated from an artificial language.

daftafoni means advisement

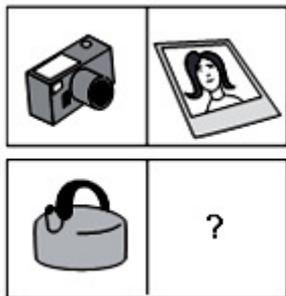
imodafta means misadvise

imolokti means misconduct

Which word could mean "statement"?

- (A) kratafoni
- (B) kratadafta
- (C) loktifoni
- (D) daftaimo

133. **Direction:** Choose the picture that would go in the empty box so that the two bottom pictures are related in the same way as the top two are related.



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

Direction: Read the information and answer questions.

Six persons P, Q, R, S, T and W work in an organization. Each of them likes different colours, viz., Black, White, Blue, Green, Red and Yellow and their salaries are also different. The person who earns maximum does not like Blue or White colour. The person who earns the least does not like Black or Red colour. R likes Yellow colour and his salary is the second maximum. P likes White colour and earns more than T but less than W. Q likes Black colour who earns less than P but more than T. S likes Blue colour and T likes red colour.

134. How many of them do earn more than Q?

- (A) One
- (B) Two
- (C) Three
- (D) Data inadequate

135. Who among them earns the least?

- (A) Q
- (B) P
- (C) R
- (D) S

136. If they are arranged in the descending order according to their salaries, who will occupy the third position?

- (A) P
- (B) R
- (C) T
- (D) Data inadequate

137. Which colour does W like?

- (A) White
- (B) Green
- (C) Blue
- (D) Either White or Blue

138. Which colour does S like?

- (A) White
- (B) Green
- (C) Blue
- (D) Red

139. **Direction:** Choose the picture that would go in the empty box so that the two bottom pictures are related in the same way as the top two are related.



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

140. **Direction:** Choose the picture that would go in the empty box so that the two bottom pictures are related in the same way as the top two are related.



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

141. Consider the following number sequence.

40960, 10240, 2560, 640,,,

Find out the next three numbers?

- (A) 300, 150, 50
- (B) 200, 90, 10
- (C) 160, 40, 10
- (D) 180, 60, 20

142. Consider the following pattern.

$2 \times (2 - 1) = 2,$
 $3 \times (3 - 1) = 6,$
 $4 \times (4 - 1) = 12,$
 $5 \times (5 - 1) = 20,$
.....

Find out the 8th line in pattern.

- (A) $9 \times (9 - 1) = 72$
- (B) $8 \times (8 - 1) = 56$
- (C) $7 \times (8 - 1) = 49$
- (D) $10 \times (10 - 1) = 90$

143. Consider the following sequence.

2, 10, 50, 250,,,

Find out the next three numbers in the sequence.

- (A) 2000, 10500, 36000
- (B) 1800, 6400, 32000
- (C) 1500, 6500, 35000
- (D) 1250, 6250, 31250

144. Consider the following pattern:

$$(2 + 2)^2/2 = 8,$$
$$(4 + 2)^2/2 = 18,$$
$$(6 + 2)^2/2 = 32,$$
$$(8 + 2)^2/2 = 50,$$
$$(10 + 2)^2/2 = 72$$

.....

Find the value of 'x' corresponding to $(x + 2)^2/2 = 200$?

- (A) 18
- (B) 20
- (C) 22
- (D) 24

145. Consider the following pattern.

$$2^2 + 1 = 5,$$
$$3^2 + 1 = 10,$$
$$4^2 + 1 = 17,$$
$$5^2 + 1 = 26,$$

.....

Find out the 8th line in pattern?

- (A) $7^2 + 1 = 50$
- (B) $9^2 + 1 = 82$
- (C) $8^2 + 1 = 64$
- (D) $10^2 + 1 = 101$

146. Look at this series.

$$5.2, 4.8, 4.4, 4, \dots\dots\dots$$

What number should come next?

- (A) 3
- (B) 3.3
- (C) 3.5
- (D) 3.6

147. Look at this series.

8, 43, 11, 41,, 39, 17

What number should fill in the blank?

- (A) 8
- (B) 14
- (C) 43
- (D) 44

148. Look at this series.

XXIV, XX,, XII, VIII

What number should fill the blank?

- (A) XXII
- (B) XIII
- (C) XVI
- (D) IV

149. Which word does **NOT** belong with the others?

- (A) Noun
- (B) Preposition
- (C) Punctuation
- (D) Adverb

150. Find the pair that has a similar relationship.

PETAL : FLOWER

- (A) Salt : Pepper
- (B) Tyre : Bicycle
- (C) Base : Ball
- (D) Sandals : Shoes

Final Answer Key

Sl. No	Key								
1	C	31	C	61	A	91	C	121	B
2	D	32	A	62	C	92	C	122	D
3	C	33	B	63	A	93	A	123	B
4	C	34	D	64	A	94	D	124	C
5	B	35	D	65	D	95	B	125	B
6	C	36	C	66	A	96	B	126	D
7	B	37	D	67	A	97	C	127	D
8	B	38	D	68	D	98	D	128	D
9	C	39	B	69	C	99	D	129	B
10	C	40	A	70	C	100	D	130	D
11	B	41	D	71	B	101	B	131	A
12	B	42	D	72	C	102	B	132	A
13	A	43	D	73	D	103	B	133	C
14	D	44	C	74	A	104	A	134	C
15	C	45	A	75	D	105	A	135	D
16	C	46	B	76	B	106	C	136	A
17	A	47	D	77	B	107	A	137	B
18	B	48	C	78	B	108	A	138	C
19	D	49	C	79	D	109	D	139	D
20	B	50	C	80	D	110	B	140	D
21	C	51	A	81	D	111	D	141	C
22	D	52	C	82	A	112	C	142	A
23	C	53	A	83	A	113	D	143	D
24	D	54	C	84	C	114	A	144	A
25	A	55	C	85	D	115	D	145	B
26	D	56	A	86	B	116	D	146	D
27	A	57	D	87	B	117	C	147	B
28	C	58	B	88	D	118	D	148	C
29	B	59	C	89	A	119	B	149	C
30	B	60	D	90	B	120	C	150	B