

MVOC CONSULTANCY MANAGEMENT
(FINAL)

I. QUANTITATIVE APTITUDE

1. Find out the **WRONG NUMBER** in each sequence:

25, 36, 49, 81, 121, 169, 225

- (A) 169
- (B) 121
- (C) 49
- (D) 36

2. 15 men can do a piece of work in 6 days. How many men would be required to do the same work in 7.5 days?

- (A) 10
- (B) 12
- (C) 16
- (D) 18

3. A, B and C completed a work costing Rs. 1800. A worked for 6 days, B for 4 days and C for 9 days. If their daily wages are in the ratio of 5:6:4. How much amount will be received by A?

- (A) Rs. 500
- (B) Rs. 600
- (C) Rs. 700
- (D) Rs. 800

4. Two coins are tossed. What is the probability that at least one head occurs?

- (A) $\frac{1}{4}$
- (B) $\frac{3}{4}$
- (C) $\frac{4}{2}$
- (D) $\frac{4}{3}$

5. A bag contains 2 red, 3 green and 2 blue balls. Two balls are drawn at random. What is the probability that none of the balls drawn is blue?

- (A) $\frac{9}{21}$
(B) $\frac{10}{21}$
(C) $\frac{11}{21}$
(D) $\frac{2}{7}$

6. In every 30 minutes the time of a watch increases by 3 minutes. After showing the correct time at 5 AM, what time will the watch show after 6 hours?

- (A) 10:54 AM
(B) 11:30 AM
(C) 11:32 AM
(D) 11:36 AM

7. The simple interest on a certain sum of money for 3 years at 8% per annum is half the compound interest on Rs. 4000 for 2 years at 10% per annum. The sum placed on simple interest is

- (A) Rs. 1550
(B) Rs. 1650
(C) Rs. 1700
(D) Rs. 1750

8. The difference between simple interest and compound interest on Rs. 1200 for one year at 10% per annum reckoned half yearly is

- (A) Rs. 3
(B) Rs. 3.25
(C) Rs. 3.75
(D) Rs. 4

9. Find out the **WRONG NUMBER** in the series:

1, 3, 10, 21, 64, 129, 356, 777

- (A) 356
(B) 129
(C) 64
(D) 10

10. An Aeroplane travels distances 2500 km, 1200 km and 500 km at the rate of 500 km/hr, 400 km/hr and 250 km/hr respectively. The average speed (in km/hr) is
- (A) 400
 - (B) 405
 - (C) 410
 - (D) 420
11. A walks at a uniform rate of 4 km an hour and 4 hours after his start, B bicycles after him at the uniform rate of 10 km an hour. How far from the starting point will B catch A?
- (A) 18.7 km
 - (B) 19.6 km
 - (C) 26.7 km
 - (D) 28.5 km
12. The bus fare and train fare of a place from Kolkata were Rs. 20 and Rs. 30 respectively. Train fare has been increased by 20% and the bus fare has been increased by 10%. The ratio of new train fare to new bus fare is
- (A) 5:3
 - (B) 11:18
 - (C) 18:11
 - (D) 19:13
13. The ratio of milk to water in three containers of equal capacity is 3:2, 7:3 and 11:4 respectively. The contents of the three containers are mixed together. What is the ratio of milk to water after mixing?
- (A) 7:3
 - (B) 19:4
 - (C) 41:18
 - (D) 61:29
14. Which of the following has most number of divisors?
- (A) 99
 - (B) 101
 - (C) 176
 - (D) 189

15. A boat running downstream covers a distance of 16 km in 2 hours while for covering the same distance upstream it takes 4 hours. What is the speed of the boat in still water?
- (A) 4 km/h
 - (B) 6 km/h
 - (C) 8 km/h
 - (D) 12 km/h
16. The angle of elevation of a ladder leaning against a wall is 60° and the foot of the ladder is 4.6 m away from the wall. The length of the ladder is
- (A) 2.3 m
 - (B) 4.6 m
 - (C) 7.8 m
 - (D) 9.2 m
17. A student multiplied a number by $\frac{3}{5}$ instead of $\frac{5}{3}$. What is the percentage error in the calculation?
- (A) 34%
 - (B) 44%
 - (C) 54%
 - (D) 64%
18. If 6th March, 2005 is Monday, what was the day of the week on 6th March, 2004?
- (A) Sunday
 - (B) Saturday
 - (C) Tuesday
 - (D) Wednesday
19. A hollow iron pipe is 21 cm long and its external diameter is 8 cm. If the thickness of the pipe is 1 cm and iron weighs 8 g/cm³, then the mass of the pipe is
- (A) 3.6 kg
 - (B) 3.696 kg
 - (C) 36 kg
 - (D) 36.9 kg

20. If $a - b = 3$ and $a^2 + b^2 = 29$, find the value of ab
- (A) 10
(B) 12
(C) 15
(D) 18
21. 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
22. If $3^{(x-y)} = 27$ and $3^{(x+y)} = 243$, then x is equal to
- (A) 0
(B) 2
(C) 4
(D) 6
23. Worker A takes 8 hours to do a job. Worker B takes 10 hours to do a job. How long should it take both A and B , working together to do the same job?
- (A) $\frac{4}{9}$
(B) $2\frac{4}{9}$
(C) $3\frac{4}{9}$
(D) $4\frac{4}{9}$
24. A work which could be finished in 9 days was finished 3 days earlier after 10 more men joined. The number of men employed was
- (A) 18
(B) 20
(C) 22
(D) 24

25. Raj invested Rs. 76000 in a business. After few months Monty joined him and invests Rs. 57000. At the end of the year, both of them share the profits at the ratio of 2:1. After how many months Monty joined Raj?
- (A) 4 months
(B) 7 months
(C) 8 months
(D) 12 months
26. Arrange the following ratios in descending order.
- 2:3, 3:4, 5:6, 1:5
- (A) $5:6 > 3:4 > 2:3 > 1:5$
(B) $5:6 > 3:4 < 2:3 > 1:5$
(C) $5:6 < 3:4 > 2:3 < 1:5$
(D) $5:6 < 3:4 < 2:3 < 1:5$
27. A boat moves upstream at a speed of 12 km/hr and covers a distance of 144 km. If, the rate of flow of the stream is 4 km/hr, the time taken by the boat to move downstream is
- (A) 6 hours 24 minutes
(B) 7 hours 12 minutes
(C) 8 hours
(D) 9 hours 36 minutes
28. Two pipes P and Q can fill a cistern in 12 and 15 minutes respectively. Both are opened together, but at the end of 3 minutes, the first is turned off. How much longer will the cistern take to fill?
- (A) $9 \frac{1}{4}$ minutes
(B) $11 \frac{1}{4}$ minutes
(C) $7 \frac{1}{4}$ minutes
(D) $8 \frac{1}{4}$ minutes
29. Find the odd man out.
- 41, 43, 47, 53, 61, 71, 73, 81
- (A) 41
(B) 61
(C) 71
(D) 81

30. There are 36 boys and 44 girls in a class. The average score of boys is 40 points and girls is 35 points. Then what will be the average score of the class?
- (A) 28.95 points
(B) 37.25 points
(C) 35.5 points
(D) 40.04 points
31. A grocer has a sale of Rs. 6435, Rs. 6927, Rs. 6855, Rs. 7230 and Rs. 6562 for 5 consecutive months. How much sale must he have in the sixth month so that he gets an average sale of Rs. 6500?
- (A) 4991
(B) 5467
(C) 4797
(D) 6453
32. A sum of Rs. 312 was divided among 100 boys and girls in such a way that each boy gets Rs. 3.60 and each girl Rs. 2.40 the number of girls is
- (A) 35
(B) 40
(C) 45
(D) 50
33. If $A : B = 5 : 7$ and $B : C = 6 : 11$, then $A : B : C$ is:
- (A) 55 : 77 : 66
(B) 30 : 42 : 77
(C) 35 : 49 : 42
(D) 31 : 32 : 30
34. The ratio between the present ages of P and Q is 6 : 7. If Q is 4 years older than P, what will be the ratio of the ages of P and Q after 4 years
- (A) 7 : 8
(B) 7 : 9
(C) 3 : 8
(D) 5 : 8

35. A train 200 m long is moving with the speed of 50 km per hour. Find the time taken to pass a tree standing near the railway track.

- (A) $14\frac{2}{5}$ seconds
- (B) 15 seconds
- (C) $16\frac{1}{2}$ seconds
- (D) 17 seconds

36. Solve using the quadratic formula

$$x^2 - 2x - 24 = 0$$

- (A) $x = -6 ; x = 4$
- (B) $x = 4 ; x = 6$
- (C) $x = 6 ; x = -4$
- (D) $x = -4 ; x = -6$

37. What is the minimum number of square marbles required to tile a floor of length 5 meters 78 cm and width 3 meters 74 cm?

- (A) 176
- (B) 187
- (C) 540
- (D) 748

38. Solve $3x^2 + 2x = 1$

- (A) $\frac{1}{3}, -1$
- (B) 2, 5
- (C) 3, 7
- (D) 8, 9

39. Solve $8x^2 = 15 - 14x$

- (A) $\frac{3}{4}, \frac{-5}{2}$
- (B) $\frac{1}{2}, \frac{-1}{2}$
- (C) $\frac{6}{8}, \frac{5}{8}$
- (D) $\frac{7}{4}, \frac{8}{5}$

40. John buys an old scooter for Rs. 4700 and spends Rs. 800 on its repairs. If he sells the scooter for Rs. 5800, what is his gain percent?
- (A) 12%
(B) 10%
(C) $4\frac{4}{7}\%$
(D) $5\frac{5}{11}\%$
41. A vessel is filled with liquid, 3 parts of which are water and 5 parts syrup. How much of the mixture must be drawn off and replaced with water so that the mixture may be half water and half syrup?
- (A) $\frac{1}{3}$
(B) $\frac{1}{5}$
(C) $\frac{1}{4}$
(D) $\frac{1}{7}$
42. Today is Monday. After 61 days, it will be
- (A) Wednesday
(B) Saturday
(C) Tuesday
(D) Thursday
43. If $2994 \div 14.5 = 172$, then $29.94 \div 1.45 = ?$
- (A) 0.172
(B) 1.72
(C) 17.2
(D) 172
44. The sum of ages of 5 children born at the intervals of 3 years each is 50 years. What is the age of the youngest child?
- (A) 4 years
(B) 8 years
(C) 10 years
(D) 13 years

45. Present ages of Sameer and Anand are in the ratio of 5 : 4 respectively. Three years hence, the ratio of their ages will become 11 : 9 respectively. What is Anand's present age in years?
- (A) 24
(B) 27
(C) 40
(D) 34

Data Interpretation and Logical Reasoning:

Direction (46-50): 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	3.00	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

46. 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
47. 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%

48. 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%
49. 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
50. 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: The following table gives the sales of batteries manufactured by a company over the years.

Number of Different Types of Batteries Sold by a Company over the Years
 (Numbers in Thousands)

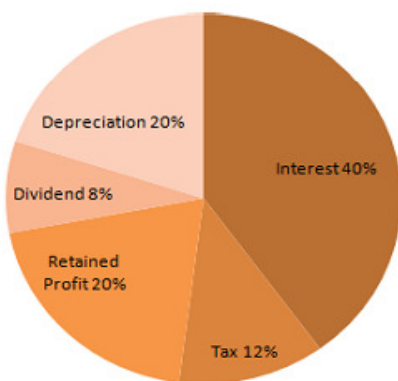
Year	Types of Batteries					Total
	4 AH	7 AH	32 AH	35 AH	55 AH	
1992	75	144	114	102	108	543
1993	90	126	102	84	126	528
1994	96	114	75	105	135	525
1995	105	90	150	90	75	510
1996	90	75	135	75	90	465
1997	105	60	165	45	120	495
1998	115	85	160	100	145	605

51. What was the approximate percentage increase in the sales of 55 AH batteries in 1998 compared to that in 1992?
- (A) 28%
 (B) 31%
 (C) 33%
 (D) 34%

52. For which battery, the total sales of all the seven years is the maximum
- (A) 4 AH
(B) 7 AH
(C) 32 AH
(D) 35 AH
53. What is the difference in the number of 35 AH batteries sold in 1993 and 1997?
- (A) 24000
(B) 28000
(C) 35000
(D) 39000
54. The percentage of 4 AH batteries sold to the total number of batteries sold was maximum in the year
- (A) 1994
(B) 1995
(C) 1996
(D) 1997
55. In case of which battery there was a continuous decrease in sales from 1992 to 1997?
- (A) 4 AH
(B) 7 AH
(C) 32 AH
(D) 35 AH

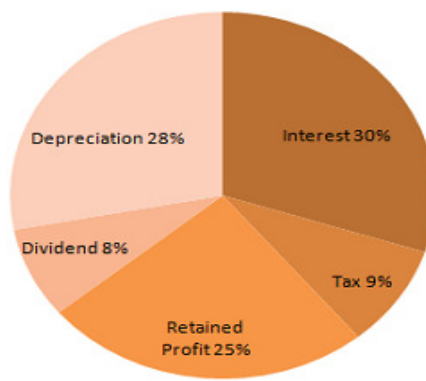
Direction (Q.No. 56-57): Study the pie-chart and the answer the questions based on it

Operating profit Rs. 160 lakh



1991-92

Operating profit Rs. 130 lakh



1990-91

56. The operating profit in 1991-92 increased over that in 1990-91 by

- (A) 22%
- (B) 23%
- (C) 25%
- (D) 24%

57. The interest burden in 1991-92 was higher than that in 1990-91 by

- (A) 39 lakh
- (B) 25 lakh
- (C) 40 lakh
- (D) 18 lakh

58. **The following question contains a small paragraph followed by a question on it. Read each paragraph carefully and answer the question given below it.**

Yoga has become a very popular type of exercise, but it may not be for everyone. Before you sign yourself up for a yoga class, you need to examine what it is you want from your fitness routine. If you're looking for a high-energy, fast-paced aerobic workout, a yoga class might not be your best choice. This paragraph best supports the statement that

- (A) Yoga is more popular than high-impact aerobics
- (B) Before embarking on a new exercise regimen, you should think about your needs and desires
- (C) Yoga is changing the world of fitness in major ways
- (D) Yoga benefits your body and mind

59. **Direction: The following question contains a small paragraph followed by a question on it. Read each paragraph carefully and answer the question given below it.**

Mathematics allows us to expand our consciousness. Mathematics tells us about economic trends, patterns of disease, and the growth of populations. Mathematics is good at exposing the truth, but it can also perpetuate misunderstandings and untruths. Figures have the power to mislead people. This paragraph best supports the statement that

- (A) Words are more truthful than figures
- (B) The study of mathematics is more important than other disciplines
- (C) The power of numbers is that they cannot lie
- (D) Figures are sometimes used to deceive people

60. **Direction: The following question contains a small paragraph followed by a question on it. Read each paragraph carefully and answer the question given below it.**

Though the waste of time or the expenditure on fashions is very large, yet fashions have come to stay. They will not go, come what may. However, what is now required is that strong efforts should be made to displace the excessive craze for fashion from the minds of these youngsters.

The passage best supports the statement that:

- (A) Fashion is the need of the day
- (B) The excessive craze for fashion is detrimental to one's personality
- (C) The hoard for fashion should be done away with so as not to let down the constructive development
- (D) Work and other activities should be valued more than the outward appearance

61. **Direction: The following question contains a small paragraph followed by a question on it. Read each paragraph carefully and answer the question given below it.**

There is a shift in our economy from a manufacturing to a service orientation. The increase in service-sector will require the managers to work more with people rather than with objects and things from the assembly line

This passage best supports the statement that:

- (A) Managers should have a balanced mind
- (B) Assembly line will exist in service organizations
- (C) Interpersonal skills will become more important in the future work place
- (D) Manufacturing organizations ignore importance of people

62. Complete the Series

FAG, GAF, HAI, IAH,

- (A) JAK
- (B) HAL
- (C) HAK
- (D) JAI

63. Fill in the blanks

$P_5QR, P_4QS, P_3QT, \dots, P_1QV$

- (A) PQW
- (B) PQV_2
- (C) P_2QU
- (D) PQ_3U

64. Complete the Series

QAR, RAS, SAT, TAU,

- (A) UAV
- (B) UAT
- (C) TAS
- (D) TAT

65. Fill in the blanks

ELFA, GLHA, ILJA,, MLNA

- (A) OLPA
- (B) KLMA
- (C) LLMA
- (D) KLLA

66. **Direction:** A good way to figure out the relationship in a given question is to make up a sentence that describes the relationship between the first two words. Then, try to use the same sentence to find out which of the answer choices completes the same relationship with the third word

Odometer is to mileage as compass is to

- (A) speed
- (B) hiking
- (C) needle
- (D) direction

67. **Direction:** A good way to figure out the relationship in a given question is to make up a sentence that describes the relationship between the first two words. Then, try to use the same sentence to find out which of the answer choices completes the same relationship with the third word

Sponge is to porous as rubber is to

- (A) Massive
- (B) Inflexible
- (C) Solid
- (D) Elastic

68. **Direction:** Find out the alternative which will replace the question mark.

LAPTOP : OXSQRM :: SPIDER : ?

- (A) MVALHO
- (B) VMLBHO
- (C) VMLAHP
- (D) VMLAHO

69. **Direction:** A good way to figure out the relationship in a given question is to make up a sentence that describes the relationship between the first two words. Then, try to use the same sentence to find out which of the answer choices completes the same relationship with the third word

Cup is to coffee as bowl is to

- (A) dish
- (B) soup
- (C) spoon
- (D) food

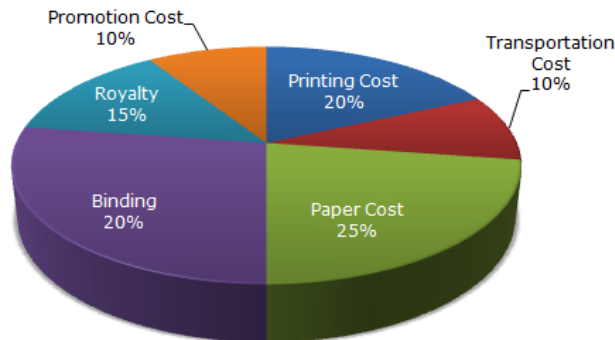
70. **Direction:** A good way to figure out the relationship in a given question is to make up a sentence that describes the relationship between the first two words. Then, try to use the same sentence to find out which of the answer choices completes the same relationship with the third word.

Candid is to indirect as honest is to

- (A) truthful
- (B) untruthful
- (C) wicked
- (D) frank

Direction (71-75): The following pie-chart shows the percentage distribution of the expenditure incurred in publishing a book. Study the pie-chart and the answer the questions based on it.

Various Expenditures (in percentage) Incurred in Publishing a Book

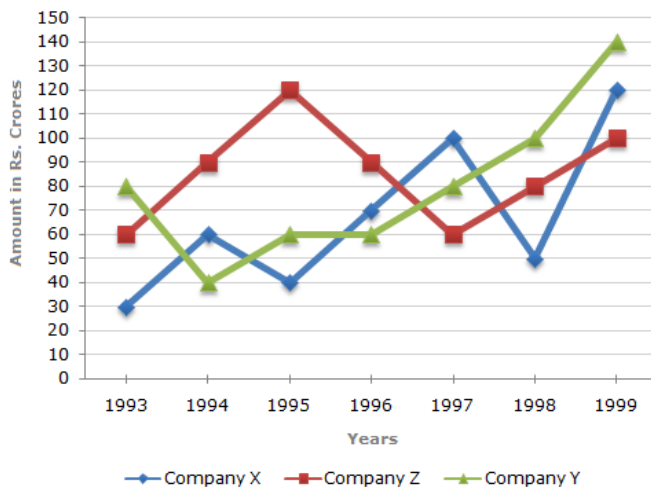


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71. If for a certain quantity of books, the publisher has to pay Rs. 30,600 as printing cost, then what will be amount of royalty to be paid for these books?
- (A) Rs. 19,450
 - (B) Rs. 21,200
 - (C) Rs. 22,950
 - (D) Rs. 26,150
72. What is the central angle of the sector corresponding to the expenditure incurred on Royalty?
- (A) 15°
 - (B) 24°
 - (C) 54°
 - (D) 48°
73. The price of the book is marked 20% above the C.P. If the marked price of the book is Rs. 180, then what is the cost of the paper used in a single copy of the book?
- (A) Rs. 36
 - (B) Rs. 37.50
 - (C) Rs. 42
 - (D) Rs. 44.25
74. If 5500 copies are published and the transportation cost on them amounts to Rs. 82500, then what should be the selling price of the book so that the publisher can earn a profit of 25%?
- (A) Rs. 187.50
 - (B) Rs. 191.50
 - (C) Rs. 175
 - (D) Rs. 180
75. Royalty on the book is less than the printing cost by
- (A) 5%
 - (B) $33\frac{1}{5}\%$
 - (C) 20%
 - (D) 25%

Directions (76-79): Study the following line graph and answer the questions

Exports from Three Companies Over the Year (in Rs. Crore)



76. Average annual exports during the given period for Company Y is approximately what percent of the average annual exports for Company Z?
- (A) 87.12%
 (B) 89.64%
 (C) 91.21%
 (D) 93.33%
77. In which year was the difference between the exports from Companies X and Y the minimum?
- (A) 1994
 (B) 1995
 (C) 1996
 (D) 1997
78. What was the difference between the average exports of the three Companies in 1993 and the average exports in 1998?
- (A) Rs. 15.33 crores
 (B) Rs. 18.67 crores
 (C) Rs. 20 crores
 (D) Rs. 22.17 crores

79. In how many of the given years, were the exports from Company Z more than the average annual exports over the given years?
- (A) 83.83
 - (B) 86.94
 - (C) 85.71
 - (D) 81.81

Direction: Study the following information carefully and answer the question given

Six friends **P, Q, R, S, T** and **U** are sitting around the hexagonal table each at one corner and are facing the centre of the hexagonal table.

1. **P** is second to the left of **U**
 2. **Q** is neighbour of **R** and **S**
 3. **T** is second to the left of **S**
80. Who is sitting opposite to **P**?
- (A) **R**
 - (B) **Q**
 - (C) **T**
 - (D) **S**
81. Who is the fourth person to the left of **Q**?
- (A) **P**
 - (B) **U**
 - (C) **R**
 - (D) Data inadequate
82. Who among the following are the neighbours of **P**?
- (A) **U** and **P**
 - (B) **T** and **R**
 - (C) **U** and **R**
 - (D) Data inadequate
83. Who is sitting opposite to **T**?
- (A) **R**
 - (B) **Q**
 - (C) Cannot be determined
 - (D) **S**

Direction: Read the passage below and answer the questions

I felt the wall of the tunnel shiver. The master alarm squealed through my earphones. Almost simultaneously, Jack yelled down to me that there was a warning light on. Fleeting but spectacular sights snapped into and out of view, the snow, the shower of debris, the moon, looming close and big, the dazzling sunshine for once unfiltered by layers of air. The last twelve hours before re-entry were particular bone-chilling. During this period, I had to go up into command module. Even after the fiery re-entry splashing down in 81° water in south pacific, we could still see our frosty breath inside the command module.

84. The word 'Command Module' used twice in the given passage indicates perhaps that it deals with
- (A) an alarming journey
 - (B) a commanding situation
 - (C) a journey into outer space
 - (D) a frightful battle
85. Which one of the following reasons would one consider as more as possible for the warning lights to be on?
- (A) There was a shower of debris
 - (B) Jack was yelling
 - (C) A catastrophe was imminent
 - (D) The moon was looming close and big

86. The statement that the dazzling sunshine was "for once unfiltered by layers of air" means
- (A) That the sun was very hot
 - (B) That there was no strong wind
 - (C) That the air was unpolluted
 - (D) None of the above

Direction: Read the passage below and answer the questions.

He saw nothing, he had no knife or sharp instrument, the grating of the window was of iron and he had too often assured himself of its solidity. His furniture consisted of a bed, a chair, a table, a pail, and a jug. The bed had iron clamps, but they were screwed to the wall and it would have required a screwdriver to take them off.

Dantes had but one resource which was to break the jug and with one of the sharp fragments attack the wall. He let the jug fall on the floor and it broke in pieces. He concealed two or three of the sharpest fragments in his bed, leaving the rest on the floor. The breaking of the jug was too natural an accident to excite suspicion, and next morning gaoler went grumblingly to fetch another, without giving himself the trouble to remove the fragments. Dantes heard joyfully the key grate in the lock as guard departed.

87. Dantes was in
- (A) A hostel
 - (B) A dining room
 - (C) An army barracks
 - (D) A prison
88. The guard left the fragments because he
- (A) Didn't notice them
 - (B) Wished to punish Dantes
 - (C) Was too lazy to bother
 - (D) Wanted Dantes to clear up
89. Dantes probably broke the jug
- (A) In the morning
 - (B) During the night
 - (C) After breakfast
 - (D) At exactly 3pm

90. Dantes was planning to
- (A) Carve his name
 - (B) Make his escape
 - (C) Tease the guard
 - (D) Call for breakfast

Direction: Read the passage below and answer the questions that follow

The ravages [of the storm] were terrible in America, Europe, and Asia. Towns were overthrown, forests uprooted, coasts devastated by the mountains of water which were precipitated on them, vessels cast on the shore, whole districts leveled by waterspouts, several thousand people crushed on land or drowned at sea; such were the traces of its, left by this devastating tempest.

91. What is the meaning of the word over thrown in the context of this passage?
- (A) Surrendered
 - (B) Devastated
 - (C) Capitulated
 - (D) Yielded
92. What is the meaning of the word leveled as it is used in the passage?
- (A) Razed
 - (B) Marked
 - (C) Spread
 - (D) Raised
93. Which word, if inserted in the blank, makes the most sense in the context of the passage?
- (A) Velocity
 - (B) Fury
 - (C) Reward
 - (D) Benevolence
94. Pointing to a photograph of a boy Suresh said, "He is the son of the only son of my mother". How is Suresh related to that boy?
- (A) Brother
 - (B) Uncle
 - (C) Cousin
 - (D) Father

95. Arrange the words given below in a meaningful sequence.

1. Word 2. Paragraph 3. Sentence 4. Letters 5. Phrase

- (A) 4, 1, 5, 2, 3
(B) 4, 1, 3, 5, 2
(C) 4, 2, 5, 1, 3
(D) 4, 1, 5, 3, 2

96. Arrange the words given below in a meaningful sequence.

1. Poverty 2. Population 3. Death 4. Unemployment 5. Disease

- (A) 2, 3, 4, 5, 1
(B) 3, 4, 2, 5, 1
(C) 2, 4, 1, 5, 3
(D) 1, 2, 3, 4, 5

97. Fill in the blanks with correct verb

The United States a big Navy

- (A) have
(B) are
(C) has
(D) will

98. Which one of the following is always in 'Sentiment'?

- (A) Cruelty
(B) Insight
(C) Neutrality
(D) Emotion

99. In the following question, out of the four alternatives, select the alternative which is best substitute of the given phrase

A roundabout way of speaking

- (A) Circumlocution
(B) Centipede
(C) Coercion
(D) Concentric

100. Choose the correct **synonym** for the word written in bold from the options that follow

Ravage

- (A) Surrender
- (B) Construct
- (C) Damage
- (D) Liberate

101. Complete the analogy

Flow : River :: Stagnant : ?

- (A) Rain
- (B) Stream
- (C) Pool
- (D) Canal

102. Complete the analogy

Parts : Strap :: Wolf : ?

- (A) Fox
- (B) Animal
- (C) Wood
- (D) Flow

103. Arrange the word given below in a meaningful sequence

1. Wall 2. Clay 3. House 4. Room 5. Bricks

- (A) 5, 2, 1, 4, 3
- (B) 2, 5, 4, 1, 3
- (C) 2, 5, 1, 4, 3
- (D) 1, 2, 3, 4, 5

104. Fill in the blanks

High prices are often the of of goods

- (A) accompaniment, dearth
- (B) concomitant, security
- (C) cause, destitution
- (D) result, glut

105. Choose the word which **best expresses the meaning** of the given word

CORPULENT

- (A) Lean
- (B) Gaunt
- (C) Emaciated
- (D) Obese

106. Choose the word which **best expresses the meaning** of the given word

CANNY

- (A) Obstinate
- (B) Handsome
- (C) Shrewd
- (D) Stout

107. Choose the word which is the exact **OPPOSITE** of the given word

EXODUS

- (A) Arrival
- (B) Home-coming
- (C) Return
- (D) Restoration

108. Choose the word which is the exact **OPPOSITE** of the given word

QUIESCENT

- (A) Active
- (B) Dormant
- (C) Weak
- (D) Unconcerned

109. In the question given below, a part of the sentence is *italicized and underlined*. Below are given alternatives to the italicized part which may improve the sentence. Choose the correct alternative. In case no improvement is needed, option 'D' is the answer

During his long discourse, he did not touch that point

- (A) touch upon
- (B) touch on
- (C) touch of
- (D) No improvement

110. In the question given below, a part of the sentence is *italicized and underlined*. Below are given alternatives to the italicized part which may improve the sentence. Choose the correct alternative. In case no improvement is needed, option 'D' is the answer

He found a wooden broken chair in the room

- (A) wooden and broken chair
- (B) broken wooden chair
- (C) broken and wooden chair
- (D) No improvement

111. In the question given below, a part of the sentence is *italicized and underlined*. Below are given alternatives to the italicized part which may improve the sentence. Choose the correct alternative. In case no improvement is needed, option 'D' is the answer

He could not look anything in the dark room

- (A) look at
- (B) see
- (C) see through
- (D) No improvement

112. In the question given below, a part of the sentence is *italicized and underlined*. Below are given alternatives to the italicized part which may improve the sentence. Choose the correct alternative. In case no improvement is needed, option 'D' is the answer

The greatest thing in style is to have a use of metaphor

- (A) knowledge
- (B) command
- (C) need
- (D) No improvement

113. In the question given below, a part of the sentence is *italicized and underlined*. Below are given alternatives to the italicized part which may improve the sentence. Choose the correct alternative. In case no improvement is needed, option 'D' is the answer

While crossing the highway a five year old child was knocked out by a passing car

- (A) away
- (B) up
- (C) down
- (D) No improvement

Directions (114-117): Rearrange the following five sentences in proper sequence so as to form a meaningful paragraph, then answer the questions given below them

1. After examining him, the doctor smiled at him mischievously and took out a syringe
2. Thinking that he was really sick, his father summoned the family doctor
3. That day, Mintu wanted to take a day off from school
4. Immediately, Mintu jumped up from his bed and swore that he was fine
5. Therefore; he pretended to be sick and remained in bed

114. Which sentence should come **third** in the paragraph?

- (A) 1
- (B) 2
- (C) 3
- (D) 4

115. Which sentence should come **last** in the paragraph?

- (A) 1
- (B) 2
- (C) 3
- (D) 4

116. Which sentence should come **fourth** in the paragraph?

- (A) 1
- (B) 2
- (C) 3
- (D) 4

117. Which sentence should come **first** in the paragraph?

- (A) 1
- (B) 2
- (C) 3
- (D) 4

118. The question consist of two words which have a certain relationship to each other followed by four pairs of related words, Select the pair which has the same relationship

GRAIN : SALT

- (A) sugar : grain
- (B) soup : cup
- (C) glass : grain
- (D) chip : glass

119. The question consist of two words which have a certain relationship to each other followed by four pairs of related words, Select the pair which has the same relationship

LIGHT : BLIND

- (A) speech : dumb
- (B) language : deaf
- (C) tongue : sound
- (D) voice : vibration

120. Find the word that names a necessary part of the underlined word

DOME

- (A) rounded
- (B) geodesic
- (C) governmental
- (D) coppery

Current Affairs in Technology and Business

121. Which global firm has developed a new Artificial Intelligence (AI) model to protect an endangered whale species?
- (A) Amazon
 - (B) Microsoft
 - (C) Google
 - (D) Facebook
122. What is the name of the first social media super-application, to be launched in India?
- (A) Elyments
 - (B) Incorporate
 - (C) Homegrown
 - (D) Inspire
123. IIT Kharagpur researchers have developed an eco friendly food packaging material using which of the following materials?
- (A) Plastic
 - (B) Nano composite
 - (C) Cucumber peels
 - (D) Banana peels
124. What is the name of the Made-in-India alternative to Twitter, which was making news recently?
- (A) Freak
 - (B) Whisper
 - (C) Koo
 - (D) Sparrow
125. Which Indian institution has developed a technique to detect cyclone formation in North Indian Ocean region?
- (A) IISc Bengaluru
 - (B) IIT Kharagpur
 - (C) Indian Maritime University
 - (D) National Geophysical Research Institute
126. Which country has generated a record 87.6 % of power from zero-carbon sources?
- (A) Canada
 - (B) Singapore
 - (C) United Kingdom
 - (D) Norway

127. Which Union Ministry is organizing the 'Startup India Innovation Week'?
- (A) Ministry of MSME
 - (B) Ministry of Commerce and Industry
 - (C) Ministry of Home Affairs
 - (D) Ministry of Agriculture and Farmers Welfare
128. ISRO has partnered with which company to promote space-tech startups in India?
- (A) Tesla
 - (B) Microsoft
 - (C) Google
 - (D) Apple
129. UIDAI has launched a new mobile app named which to perform face authentication?
- (A) Face Recognition
 - (B) Aadhaar Face Recognition
 - (C) Face Identifier
 - (D) Aadhaar Face Rd
130. At which place, the first-ever 3D printed house of India has recently been inaugurated by Union Finance Minister Nirmala Sitharaman?
- (A) IIT Delhi
 - (B) IIT Bengaluru
 - (C) IIT Madras
 - (D) IIT Kanpur
131. Which state became the first in India to launch a free email address in Hindi for residents?
- (A) Uttar Pradesh
 - (B) Madhya Pradesh
 - (C) Rajasthan
 - (D) Gujarat
132. Scientists have developed a new battery material based in with charging speed 5 times faster than lithium-ion batteries
- (A) Graphene
 - (B) Carbon
 - (C) Nitrate
 - (D) Chromium

133. Which technological company on the Global code hosting platform GitHub, which recently launched its operations in India?
- (A) Google
 - (B) Microsoft
 - (C) Amazon
 - (D) Apple
134. Which technology company has launched an initiative called 'Summer of Ideas' for college students?
- (A) Tata Consultancy Services
 - (B) Infosys
 - (C) Wipro
 - (D) Accenture
135. Which space agency is building a telescope named 'SuperBIT'?
- (A) ISRO
 - (B) NASA
 - (C) ESA
 - (D) Rocosmos
136. Which state has notified safety guidelines to check industrial accidents?
- (A) Tamil Nadu
 - (B) Assam
 - (C) Andhra Pradesh
 - (D) Kerala
137. What is the name of the learning platform by NSE Academy of National Stock Exchange?
- (A) NSE Learning Centre
 - (B) NSE Learning Hub
 - (C) NSE Learning Academy
 - (D) NSE Learning Portal
138. What is the expansion of UPMS, recently launched by NPCI Bharat Bill Pay?
- (A) Unified Presentment Management System
 - (B) Unified Payment Management System
 - (C) Universal Payment Management System
 - (D) Universal Presentment Management System
139. Which country will host the 15th BRICS summit in August 2023?

- (A) Sudan
 - (B) Spain
 - (C) South Africa
 - (D) South Korea
140. Which is the first Fintech company to launch cross-border transaction facility through UPI?
- (A) BharatPe
 - (B) Razorpay
 - (C) PhonePe
 - (D) PayTm
141. Which state passed a bill to help SC-ST people appeal against refusal of caste certificates?
- (A) Kerala
 - (B) West Bengal
 - (C) Jharkhand
 - (D) Chhattisgarh
142. What is the new target for reduction in particulate matter concentration in cities under National Clean Air Programme (NCAP) by 2026?
- (A) 25%
 - (B) 30%
 - (C) 40%
 - (D) 50%
143. Who among the following has been awarded Padma Bhushan-India's third-highest civilian award – for 2022 in Trade and Industry category?
- (A) Indra Nooyi
 - (B) Gautam Adani
 - (C) Sundar Pichai
 - (D) Harish Patel
144. Which word has been announced by Cambridge Dictionary as the word of the year for 2022?
- (A) Pandemic
 - (B) War
 - (C) Permacrisis
 - (D) Homer

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145. Which city has signed an MoU with the firm Pataa Navigations to become the country's first "Smart City" with a digital address in September 2022?
- (A) Indore
 - (B) Ahmadabad
 - (C) Lucknow
 - (D) Raipur
146. Which of the following state has become the third state to have Food Security Atlas?
- (A) Jharkhand
 - (B) Assam
 - (C) Tripura
 - (D) Bihar
147. On which day, "International Equal Pay Day" is being celebrated?
- (A) September 16
 - (B) September 17
 - (C) September 18
 - (D) September 19
148. In which institution have researchers developed and successfully tested an AI tool called "Sybil" that effectively predicts lung cancer risk?
- (A) Stanford University
 - (B) University of Cambridge
 - (C) Imperial College London
 - (D) Massachusetts Institute of Technology
149. Which company has become the first LAB manufacturing company in the world to get BIS certification?
- (A) Tamil Nadu Petro Products
 - (B) Tata
 - (C) Adani
 - (D) Reliance
150. Annual world day for safety and health at work
- (A) 28th January
 - (B) 28th February
 - (C) 28th March
 - (D) 28th April

FINAL ANSWER KEY**Subject Name: M VOC IN TECHNOLOGY AND MANAGEMENT CONSULTING**

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