

MASTER OF BUSINESS ADMINISTRATION

A.General English/ Verbal Ability

Directions (Q. 1 - 5): in the following questions, the first and the last parts of the sentence are numbered 1 and 6. The rest of the sentence is split into four parts named, P, Q, R and S. These four parts are not given in their proper order. Read the parts, arrange them properly and find out which of the five combinations given below is appropriate, and mark it as your answer.

1. 1. In spite of their proven functional superiority,

P. and the common public that

Q. are gaining ground, which are generating

R. lately a few misconceptions

S. a feeling among the decision-makers

6. plastics are harmful and should not be used.

A) PQRS

B) QRSP

C) RSPQ

D) RQSP

2. 1. There is nothing special

P. who are unfortunately treated

Q. only for their disappointed fans but also

R. about the indictment of players

S. like heroes-turned-villains not

6. for the growth of the game.

A) QSPR

B) RPSQ

C) PRQS

D) SQPR

3. 1. The Indian political system

P. that we need to wait for

Q. is hugely flawed, but

R. it is no argument to say

S. a more perfect system

6. before we can talk reform.

A) PQRS

B) QRPS

C) RSQP

D) SRQP

4. 1. when markets determine prices as they do
 P. need not necessarily mean
 Q. prices can and will turn soft
 R. higher income for farmers because
 S. now for most crops, higher output
 6. once traders believe the crop will be large.

A) SPRQ B) PSQR C) RSPQ D) QRPS

5. 1. If India is to alleviate its poverty,
 P. our emphasis should be on
 Q. pivotal role in the world
 R. education and nurturing talent
 P. become prosperous and play a
 6. quantitatively and qualitatively.

A) PSQR B) RPSQ C) SQPR D) QSPR

Directions (Q. 6- 15): Read the following passage carefully and answer the questions given below it. Certain words are given in bold to help you locate them while answering some of the questions.

For much of the Cold War era, India enjoyed a strong military and strategic relationship with the erstwhile Soviet Union. A relationship which stood the country in good stead on a number of occasions, most notably during the Bangladesh war of 1971. So, while it's true that no two countries in the world, the big ones even less so, share **identical** interests, this necessary divergence, by itself, does not **preclude** the possibility of a strategic alliance. Indeed, as the US-Israel relationship has repeatedly shown, a strategic tie-up can quite easily live with, even thrive on, occasional friction and strife. In other words, the question whether there can be a three-way strategic axis — involving India, Israel and the US — cannot be dismissed out of hand. At the very least, there does exist a strong basis for such a relationship to evolve and endure.

Call it jihad, fundamentalism or plain nihilist violence, but India, Israel and the US are today the

three leading targets of terror in the world and will remain so in the **foreseeable** future. And, while New Delhi can legitimately complain about how terrorist strikes against it have been **deliberately** downplayed in Washington and Jerusalem, it's only a matter of time before these **residual** differences of perception — the legacy of a different historical epoch — are ironed out. Witness the remarkable turnaround, post-9/11, in the American stand on the so-called 'freedom struggle' being waged against India in Kashmir. As for Israel, it has always been keen on a close, long-term relationship with India. The reason that the two countries have stayed apart has to do with a misguided reluctance on the part of India's leadership to do business with the Zionist state: During Nehru's time, in the belief that international realpolitik can be conducted on the basis of simple moral precepts. And, after Nehru, in the perception that global geopolitics is a zero-sum game: A close bond with Israel must necessarily come at the expense of the larger Muslim world. Clearly, the sooner we give up this romantic **naivete**, the better it will be not just for India but for the larger democratic world, including Israel and the US.

6. What is the main basis for a three-way strategic axis involving India, Israel and the US?
- A) All of these countries have democratic rule.
 - B) All of these countries have been the main targets of terrorism.
 - C) All of these countries have fought terrorism effectively.
 - D) All of these countries are envied by the Islamic world.
7. The idea that no two countries in the world, the big ones even less so, share identical interest has been negated by
- A) Indo-Israel relationship
 - B) Indo-Bangladesh bond
 - C) Israel-America connection
 - D) US-USSR hostility
8. Which of the following is true in context of the passage?
- A) Israel is a Zionist state.
 - B) India has always longed for amity with Israel.
 - C) The US is a Zionist nation.
 - D) The US has always appreciated India's move on dealing with terrorism.

9. What do you mean by the expression 'stood the country in good stead'?
- A) lifted the country to a big place
 - B) gave the country a prestigious name
 - C) gave the country due recognition
 - D) helped the country in need
10. Which of the following is most opposite in meaning of the word 'identical' as used in the passage?
- A) futile
 - B) intense
 - C) unlike
 - D) strategic
11. Which of the following is most nearly the same in meaning as the word '**preclude**' as used in the passage?
- A) deviate
 - B) blur
 - C) complex
 - D) prevent
12. Which of the following is false in the context of the passage?
- A) American view on the so-called 'freedom struggle' being waged against India in Kashmir is still against our country.
 - B) Israel has always longed for amity with India.
 - C) India maintained a comfortable relationship with USSR during the Cold War era.
 - D) US-Israel relationship has been there for long.

13. It is often believed that India's forming close relations with Israel
- A) may please the US
 - B) may prove dangerous for any other front
 - C) may irk the Islamic nations
 - D) may prove detrimental for our neighbours
14. What has kept away India and Israel from coming close to each other for long?
- A) Israel has never taken seriously the terrorist strike India.
 - B) Both the countries have different perception on terrorism.
 - C) Israel is a Zionist state, whereas India is a secular nation
 - D) None of these
15. Which of the following is most nearly the same in meaning as the word 'thrive' as used in the passage?
- A) consist
 - B) grow
 - C) rely
 - D) survive

Directions (Q.16-20) Each question below has two blanks, each blank indicating that something has been omitted. Choose the set of words for each blank that best fits the meaning of the sentence as a whole.

16. The National Knowledge Commission has said that India will have to bring.....in education if it has to emerge as the most.....workforce of the world.
- A) changes, biggest
 - B) reforms, talented
 - C) alleviation, skilful
 - D) quality, brighter

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- ### **B.General Knowledge**

- A) ethane B) methane C) hydrogen D) carbon dioxide

(Continued)

22. J.B. Dunlop is popular for which of the following inventions?

- A) Model airplanes
- B) Pneumatic rubber tire
- C) Rubber boot
- D) Automobile wheel rim

23. When was telephone invented?

- A) 1870s
- B) 1880s
- C) 1850s
- D) 1860s

24. The countries that had maintained research stations in Antarctica under Antarctic Trade are

- A) Argentina, Australia, Belgium and South Africa
- B) Chili, France and Japan
- C) New Zealand, Norway, the former USSR, the UK and the USA
- D) All of the above

25. The first development flight of SLV-3 took place on

- A) May 31, 1981
- B) April 17, 1983
- C) December 21, 1999
- D) December 28, 1995

26. The Enron project is a

- A) hydro-electric project
- B) thermal power project
- C) atomic power project
- D) gas-fired power project

27. The chief purpose of crop rotation is to check the loss of top soil

- A) by water erosion
- B) by wind erosion
- C) by weathering
- D) of its mineral content

28. World's busiest airports by passenger traffic is
- A) Hartsfield-Jackson Atlanta International Airport, USA
 - B) Lhasa Airport, Tibet
 - C) King Abdul Aziz International Airport, Saudi Arabia
 - D) Chicago O' Hare International Airport, USA
29. The first meeting of the UN General Assembly was held in which of the following cities?
- A) London
 - B) New York
 - C) San Francisco
 - D) Teheran
30. The first rice straw power plant has been set up at
- A) Kolkata
 - B) Jalkheri, Punjab
 - C) Trombay, Maharashtra
 - D) None of the above
31. The founder member of EFTA are
- A) Austria, Denmark, Norway
 - B) Portugal, Sweden, Switzerland
 - C) UK, Austria, Sweden
 - D) All of the above
32. The first historical mention of the holding of the ancient Olympic Games occurred about
- A) 2000 years ago
 - B) 2250 years ago
 - C) 2500 years ago
 - D) 2775 years ago
33. The first Afro-Asian Games were held in
- A) Hyderabad
 - B) Sydney
 - C) Cairo
 - D) Kuala Lumpur

34. The first meeting of the SAARC was opened in

- A) Dhaka, Bangladesh
- B) Bangalore, India
- C) Kathmandu, Nepal
- D) Islamabad, Pakistan

35. The element of an electric stove made

- A) copper
- B) invar
- C) magnalium
- D) nicrome

36. The blood pressure of a young male human being is

- A) 110/70
- B) 120/80
- C) 135/90
- D) 140/100

37. The first Winter Olympic Games were held at

- A) Innsburck (Austria)
- B) Lake Placid (USA)
- C) Chamonix (France)
- D) Calgary (Alberta)

38. The college of Military Engineering is situated at

- A) Kirkee (Pune)
- B) Mhow
- C) Dehradun
- D) Chennai

39. The electron was first identified by

- A) J. J. Thompson
- B) J. Kepler
- C) D. Rutherford
- D) James Chadwick

40. The conservation hawks and owls is important to mankind chiefly because these birds eat

- A) numerous weed seeds
- B) harmful birds
- C) many harmful rodents
- D) harmful reptiles

B.Quantitative Ability

41. The H.C.F. of 1.75, 5.6 and 7 is :
A) 0.07 B) 0.7 C) 3.5 D) 0.35
42. The L.C.M. of 3, 2.7 and 0.09 is :
A) 2.7 B) 0.27 C) 0.027 D) 27
43. If the mean of a, b, c is M and $ab + bc + ca = 0$ then the mean of a^2, b^2, c^2 is :
A) M^2 B) $3M^2$ C) $6M^2$ D) $9M^2$
44. The average of first 50 natural numbers is :
A) 12.25 B) 21.25 C) 25 D) 25.5
45. In how many different ways can the letters of the word 'CORPORATION' be arranged so that the vowels always come together?
A) 810 B) 1440 C) 2880 D) 50400
46. The ratio of present ages of two brothers is 1 : 2 and 5 years back, the ratio was 1 : 3. What will be the ratio of their ages after 5 years ?
A) 1 : 4 B) 2 : 3 C) 3 : 5 D) 5 : 6

47. If $a - b = 3$ and $a^2 + b^2 = 29$ find the value of ab

A) 10

B) 12

C) 15

D) 18

48. 270 candidates appeared for an examination, of which 252 passed. The pass percentage is :

A) 80%

B) $83\frac{1}{2}\%$ C) $90\frac{1}{3}\%$ D) $93\frac{1}{3}\%$

49. 5 out of 2250 parts of earth is sulphur. What is the percentage of sulphur in earth ?

A) $\frac{11}{50}$ B) $\frac{2}{9}$ C) $\frac{1}{45}$ D) $\frac{2}{45}$

$$\frac{2}{3}$$

$$\frac{1}{4}$$

50. 0.01 is what percent of 0.1 ?

A) $\frac{1}{100}$ B) $\frac{1}{10}$

C) 10

D) 100

51. What percent of a day is 3 hours ?

A) $12\frac{1}{2}\%$ B) $16\frac{2}{3}\%$ C) $18\frac{2}{3}\%$ D) $22\frac{1}{2}\%$

52. A sum of Rs. 1360 has been divided among A, B and C such that A gets $\frac{2}{3}$ of what B gets and B gets $\frac{1}{4}$ of what C gets. B's share is:

A) Rs. 120

B) Rs. 160

C) Rs. 240

D) Rs. 300

53. When a commodity is sold for Rs. 34.80, there is a loss of 2%. What is the cost price of the commodity ?
A) Rs. 26.10 B) Rs. 43 C) Rs. 43.20 D) Rs. 46.40
54. A shopkeeper expects a gain of $22\frac{1}{2}\%$ on his cost price. If in a week, his sale was of Rs. 392, what was his profit ?
A) Rs. 18.20 B) Rs. 70 C) Rs. 72 D) Rs. 88.25
55. What will be the difference between simple and compound interest @ 10% per annum on a sum of Rs. 1000 after 4 years ?
A) Rs. 31 B) Rs. 32.10 C) Rs. 40.40 D) Rs. 64.10
56. The difference between simple interest and compound interest on Rs. 1200 for one year at 10% per annum reckoned half-yearly is :
A) Rs. 2.50 B) Rs. 3 C) Rs. 3.75 D) Rs. 4
57. An amount of money is to be distributed among P, Q and R in the ratio of 5 : 8 : 12 respectively. If the total share of Q and R is four times that of P, what is definitely P's share?
A) Rs. 3000 B) Rs. 5000 C) Rs. 8000 D) Data inadequate
58. A bag contains rupee, 50-paise and 25-paise coins in the ratio 5:6:7. If the total amount is Rs. 390, find the number of 25-paise coins.
A) 280 B) 200 C) 240 D) 260
59. A man spends Rs. 8100 in buying tables at Rs. 1200 each and chairs at Rs. 300 each. The ratio of chairs to tables when the maximum number of tables is purchased, is
A) 1 : 4 B) 5 : 7 C) 1 : 2 D) 2 : 1

60. Two cars A and B are running towards each other from two different places 88 km apart. If the ratio of the speeds of the cars A and B is 5:6 and the speed of the car B is 90 km per hour, after how long will the two meet each other?

- A) 26 minutes B) 24 minutes C) 32 minutes D) 36 minutes

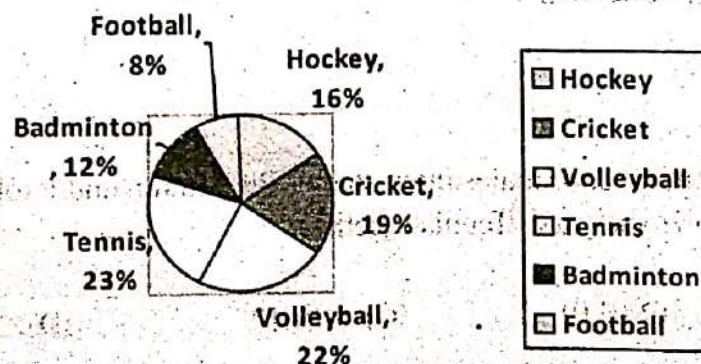
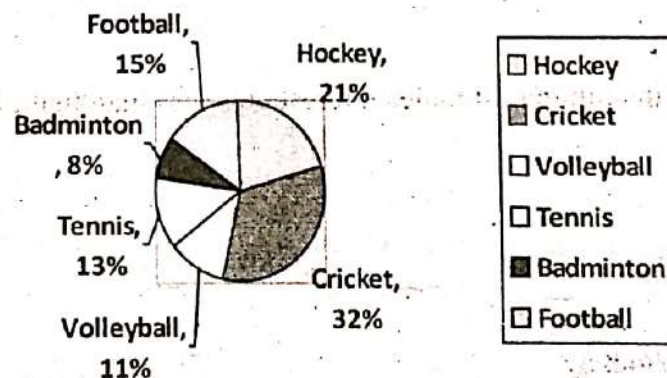
C.Data Interpretation

Directions(Q.61-65): Study the following information to answer the given questions.

Percentage of population interested in different sports (Cricket, Football, Badminton, Tennis, Volleyball, Hockey) in pie chart I and Percentage of females interested in these sports in pie chart II

Total Population = 48 lakh

The ratio of Males to Females = 5:3



61. What is the ratio of the number of people interested in Tennis and Hockey together to that interested in Cricket and Volleyball together?
- A) 23:32 B) 34:43 C) 101:130 D) 1:1.32
62. For which of the sports, the percentage of population interested with respect to that of females interested is minimum?
- A) Cricket B) Badminton C) Tennis D) None of these
63. What is the difference between the number of females interested in badminton and that in Volleyball?
- A) 1.5 lakh B) 2.2 lakh C) 1.8 lakh D) 1.9 lakh
64. For which of the sports, the number of males interested is less than that of females interested?
- A) Tennis, Volleyball
B) Volleyball, Badminton
C) Badminton, Tennis, Hockey
D) Badminton, Tennis, Volleyball
65. What is the ratio of the number of males interested in Badminton and Football together to that of females interested in Hockey and Tennis together?
- A) 124:117 B) 128:119 C) 19:17 D) 23:19

Directions (Q.66-70): Study the following table to answer the given questions.

Consumption of different brands of cold drinks (lakh bottles/day) statewise

Cold Drinks → State ↓	Coke	Pepsi	Thums Up	Limca	Mirinda
Andhra Pradesh	29	31	15	13.4	17.39
Delhi	41.8	32	33	12.4	21.2
Maharashtra	28	38.2	29	19.9	17.3
Bihar	24	35	10.2	9.32	13.24
Rajasthan	16.7	42.6	39.3	7.32	32.4
Gujarat	34.2	27.3	9.19	17.36	18.45
Uttar Pradesh	19.3	17.6	20.4	23.8	11.3

66. What is the percentage of Coke consumed in Maharashtra with respect to the total consumption of cold drinks of different brands in Gujarat?

- A) 26.3% B) 23.6% C) 32.6% D) 32.3%

67. Out of the total consumption of cold drinks per day in Bihar, what is the percentage (up to two digits after decimal) of consumption of Limca per day?

- A) 15.10 B) 11.05 C) 10.15 D) 10.21

68. In which state is the percentage of consumption of Pepsi per day with respect to the total consumption of different cold drinks of the state the maximum?

- A) Maharashtra B) Rajasthan C) Andhra Pradesh D) None of these

69. What is the approximate percentage of consumption of Thums Up per day in Rajasthan with respect to the total consumption of Thums Up per day in all states?

- A) 24% B) 27% C) 26% D) 25%

70. If Delhites prefer cock-tail of Pepsi and Mirinda, what is the percentage of consumption of Delhites cock-tail with respect to the total consumption of the rest of the cold drinks in Delhi?
- A) 61% B) 72% C) 69% D) 57%

Directions (Q. 71-75): Study the following table carefully and answer the questions given below it:

Area and Population of different states

States	Area (in sq kilometers)	Population (in lakhs)
A	6230	1122
B	2540	838
C	8135	649
D	7436	572
E	4893	711
F	3718	286
G	4297	860

71. Among the given states, in case of how many states the area of that state was more than 15 per cent of the total areas taken together?
- A) One B) Three C) Two D) Can't Say
72. For which two states the density of population is approximately equal?
- A) No state B) A and G C) D and F D) C and F
73. Approximately how much more is the density of population of state B in comparison to that of state A?
- A) 15000 B) 18000 C) 13000 D) 14000

74. In case of how many states the density of population was more than 12 thousand per square kilometre?

- A) Two B) Five C) Three D) Four

75. What is the approximate ratio of the areas of state B to the areas of state A and G together?

- A) 1:3.8 B) 1:3.5 C) 1:5.2 D) 1:4.1

Directions (Q. 76 - 80): Study the following table carefully and answer accordingly:

The following table shows the percentage marks obtained by seven students in 6 different subjects.

Total marks in each subject is within bracket.

Sub Student	Maths (100)	Physics (150)	Chemistry (125)	Biology (50)	English (75)	Hindi (100)
Rishi	60	80	63	70	85	92
Anup	75	72	77	80	80	76
Soni	40	100	84	35	100	60
Gopal	100	65	90	68	90	70
Rahul	60	85	80	75	65	85
Ankit	90	90	64	90	45	70
Radha	60	70	80	100	50	80

76. How much total marks has Radha got in all subjects together?

- A) 437.5 B) 427.5 C) 425.7 D) None of these

77. How many students have got 70% or more marks in all the subjects?

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

78. Marks gained by Radha in Maths and Biology together is what per cent more than the marks gained by Rishi in those two subjects?

- A) 19.46% B) 71.58% C) 17.58% D) 15.78%

79. In which subject is the overall percentage the best?

- A) Math B) Eng C) Chem D) Phy

80. What is the average marks gained by all seven students in Biology?

- A) 35.32 B) 35 C) 37.43 D) None of these

E. Test of Reasoning

Directions (Q.81 - 85): Study the following arrangement carefully and answer the questions given below:

B 2 3 G U £ * F T L 5 9 1 6 Q # M N J D C H ▲ S W X R @ I A 4 7 Z \$ V E Y 8

81. Which of the following element is tenth to the right of the ninth element from the left end if the first thirty characters of the above arrangement are reversed?

- A) 5 B) 9 C) J D) D

82. What should come in place of the question mark (?) in the series given below based on the above arrangement?

- *5S 99H MID? RQ#
- A) HQN B) ▲6N C) H6N D) H6M

83. How many such consonants are there in the above arrangement each of which is immediately preceded by a number but not immediately followed by a symbol?

- A) None B) One C) Two D) Three

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

- A) #NDH B) SX@A C) 7\$E8 D) G£FL

85. If every fifth character starting from U (delete U first) is deleted, then which character will be exactly midway between the tenth element from the left and the same positioned element from the right, in the newly obtained series?

- A) J B) # C) D D) ▲

Directions (Q. 86-90): Study the following information carefully and answer the questions given below:

P, Q, R, S, T, U and V are seven sportspersons associated with three clubs #1, #2 and #3. There are three males and four females. There are at least one male and one female in each club. Three of them are associated with only football and two each with only hockey and only cricket. U and her sister S are associated with cricket. But these two persons are associated with different clubs. R is associated with club #2 and he is not associated with the club(s) of either V or Q. P is not associated with football. And he is the member of Club #3, only with U. All the persons associated with football are not the members of the same club. T is fortunate because she and her friend S are associated with the same club.

86. T is associated with which of the following games?

- A) Hockey B) Football
C) Cricket D) Either Hockey or Football

87. If R is associated with hockey then which of the following groups represents those persons who are associated with football?

- A) VQS B) TVS C) TVQ D) Can't say

88. If one of the clubs consists of members associated with a single game then which of the following correctly represents the club and the game respectively?

- A) Can't be determined B) Club #1, Football
C) Club #2, Cricket D) Club #1, Hockey

89. With which club are three of them associated?

- A) Club #1 B) Club #2 C) Club #3 D) Can't be determined
E) None of these

90. Which of the following represents the three male persons of the group?

- A) PRV B) PRQ C) PRV OR PRQ D) Can't be determined

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

- A) Ere B) Eve C) Ewe D) Ese

92. By following a certain logic PLUMS is written as USPML; DRAWN is written as WRNDA. How is SLUMP written in that logic?

- A) USPML B) UPSML C) MLPSU D) LPMSU

93. How many pairs of letters are there in the word BOUGAINVILLEA which have number of letters between them in the word one less than the number of letters between them in English alphabet?

- A) Three B) Four C) Five D) None of these

94. If it is possible to make a meaningful word with the first, the second, the third, the fifth and the tenth letters of the word PUSILLANIMOUS, using each letter only once, which of the following will be the second letter of that word? If no such word can be formed give 'X' as the answer, and if only two such words can be made give answer 'Y'. And if more than two such words can be made give 'Z' as the answer

A) L B) X C) Y D) Z

95. 532155525759854375755582561

In the above sequence in some cases, the sum of the two digits which immediately precede the digit '5' exceeds the sum of the two digits which immediately follow that digit. How many such 5's are there?

A) Two B) Three C) Four D) Five

96. How many meaningful words can be formed by replacing only the consonants in the word GOD by the next letter in the English alphabet and keeping the vowels unchanged?

A) None B) One C) Two D) Three

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

A) 144 B) 1089 C) 245 D) 386

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

A) January B) March C) June D) October

99. If it is possible to make a number which is the perfect cube of a one-digit number with the second, the sixth and ninth digits of the number 92687102534, which of the following will come at unit's place of the square of that one-digit number? If more than one such one-digit number exists give '3' as your answer and if no such one-digit number exists give '7' as your answer.

A) 5

B) 4

C) 7

D) 3

100. 'Mink' is related to 'Coat' in the same way as 'Mint' is related to

A) Cooking

B) Pepper

C) Coin

D) Sweet