

VERSION CODE

**A1**

Maximum Marks : 100

Total Duration : 150 Minutes

Maximum Time For Answering : 120 Minutes

Subject : **MBA**Serial  
Number :**151493**

MENTION YOUR PGCET NUMBER

Subject  
Code**P-MBA**

DOs:
















1. This question booklet is issued to you by the invigilator after 02.20 pm.
2. Check whether the PGCET Number has been entered and shaded in the respective circles on the OMR answer sheet.
3. The version code and serial number of this question booklet should be entered on the OMR answer sheet and the respective circles should also be shaded completely.
4. The Version Code and Serial Number of this question booklet should be entered on the Nominal Roll without any mistakes.
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DON'Ts:

1. The timing and marks printed on the OMR answer sheet should not be damaged / mutilated / spoiled.
2. The 3<sup>rd</sup> Bell rings at 2.30 p.m., till then;
  - Do not remove the seal present on the right hand side of this question booklet.
  - Do not look inside this question booklet or start answering on the OMR answer sheet.

**IMPORTANT INSTRUCTIONS TO CANDIDATES**

1. In case of usage of signs and symbols in the questions, the regular textbook connotation should be considered unless stated otherwise.
2. This question booklet contains 100 questions and each question will have one statement and four different options / responses & out of which you have to choose one correct answer.
3. After the 3<sup>rd</sup> Bell is rung at 02.30 pm, remove the paper seal on the right hand side of this question booklet and check that this booklet does not have any unprinted or torn or missing pages or items etc., if so, get it replaced by a complete test booklet. Read each item and start answering on the OMR answer sheet.
4. Completely darken / shade the relevant circle with a blue or black ink ballpoint pen against the question number on the OMR answer sheet.

ಸರಿಯಾದ ಕ್ರಮ CORRECT METHOD	ತಪ್ಪು ಕ್ರಮಗಳು WRONG METHOD
   	          

5. Please note that even a minute unintended ink dot on the OMR answer sheet will also be recognized and recorded by the scanner. Therefore, avoid multiple markings of any kind on the OMR answer sheet.
6. Use the space provided on each page of the question booklet for Rough Work. Do not use the OMR answer sheet for the same.
7. Last bell will ring at 4.30 pm, stop marking on the OMR answer sheet.
8. Hand over the OMR answer sheet to the room invigilator as it is.
9. After separating the top sheet (KEA copy), the invigilator will return the bottom sheet replica (candidate's copy) to you to carry home for self-evaluation.

**MARKS DISTRIBUTION**

<b>PART-1 :</b>	(SECTION A) 25 QUESTIONS: 25 x 1 = 25, (SECTION B) 25 QUESTIONS: 25 x 1 = 25
<b>PART-2 :</b>	(SECTION C) 25 QUESTIONS: 25 x 1 = 25, (SECTION D) 25 QUESTIONS: 25 x 1 = 25



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**MBA**  
**PART – 1**  
**SECTION – A**  
**PROFICIENCY IN ENGLISH LANGUAGE**

Each question carries one mark.

1. Choose the one which best expresses the meaning of the given idiom:  
A pipe dream  
(A) An impractical plan  
(B) A pleasant dream  
(C) A bad dream  
(D) A foolish idea
2. Choose the most suitable 'one word' for the given words/expressions/sentence:  
A disease that is found regularly in a particular place.  
(A) Pandemic (B) Infectious  
(C) Endemic (D) Contagious
3. Choose the most suitable 'one word' for the given words/sentences.  
A lover of mankind  
(A) Atheist (B) Altruist  
(C) Agnostic (D) Anarchist
4. Out of the four words given, two are most nearly the opposite in meaning. Find the correct combination.  
1. Visionary      2. Glorious  
3. Natural      4. Uncanny  
(A) 1, 2      (B) 2, 4  
(C) 3, 4      (D) 1, 4
5. Which of the following is not correctly matched?  

(Words)	(Antonyms)
(A) Ordain	Abolish
(B) Premature	Timely
(C) Utterly	Incomplete
(D) Shabby	Miserable
6. Choose the antonym of the given word:  
Nominal  
(A) Negligible (B) Substantial  
(C) Symbolic (D) Trifling
7. Choose the one that best expresses the meaning of the given word:  
Zealot  
(A) Liberal (B) Bigot  
(C) Tolerant (D) Connect
8. Out of the given alternatives, choose the one which best expresses the meaning of the underlined part of the sentence:  
Srinath has penchant for fine poetry.  
(A) Desire (B) Training  
(C) Liking (D) Bias

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9. Choose that word which can substitute the underlined words in both the sentences:

1. His understanding of the subject was really good.
2. Vijay had to hold on to the handle of the door with all his strength.

(A) Grasp (B) Pull  
(C) Make (D) Power

10. Find out which part/parts of the sentence has/have an error.

To gain reputation among your clients (1)/ you ought to finish (2)/every assignment you undertake (3)/within the stipulated deadline (4).

(A) Only 1 (B) 2 and 3  
(C) 4 (D) No error

11. Which of the following sentences is the most preferable with respect to grammar and meaning?

- (A) I went yesterday to the college to collect my marks card.
- (B) I went to the college yesterday to collect my marks card.
- (C) Yesterday to collect my marks card I went to the college.
- (D) To collect my marks card yesterday I went to the college.

12. Which of the following sentences is/are grammatically wrong?

1. He was hung for murder.
2. The more I thought of it, the less I liked it.
3. Ravi examined the book closely.
4. This is one of the best films that has been produced this year.

Codes:

(A) 1 and 2 (B) 1, 2 and 4  
(C) 1 and 3 (D) 1 and 4

13. Which of the following books is/are written by R.K. Narayan?

1. The Guide
2. A Tiger of Malgudi
3. The Tunnel of Time
4. The Bachelor of Arts

Codes:

(A) 1 and 2 only (B) 2 and 3 only  
(C) 2, 3 and 4 (D) 1, 2 and 4

14. Match the following list 1 with 2 and choose the correct answer from the codes given below:

1. A. An autobiography  
B. Straight from the Heart  
C. Waiting for a Visa  
D. The autobiography of an unknown Indian
2. I. Nirad C Chaudhuri  
II. Jawaharlal Nehru  
III. Kapil Dev  
IV. B.R. Ambedkar

Codes:

	A	B	C	D
(A)	II	III	IV	I
(B)	II	IV	III	I
(C)	III	IV	I	II
(D)	III	I	IV	II

15. Choose the mis-spelt word:

(A) Gymnastics (B) Guidance  
(C) Greediness (D) Grandiose

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16. Find out the word with correct spelling:  
(A) Quintessance (B) Quintessence  
(C) Quintesance (D) Quintassence
17. Identify the part of speech of the underlined word:  
He was happy to receive a call for the interview.  
(A) Noun (B) Adjective  
(C) Verb (D) Adverb
18. Read the sentences carefully and decide on their correctness on the basis of the underlined words:  
I. What he says is all sham.  
II. He felt shame at having told a lie.  
(A) Only sentence I is correct.  
(B) Only sentence II is correct.  
(C) Both the sentences are correct.  
(D) Both the sentences can be corrected if the underlined words are interchanged.
19. Complete the analogy:  
Corona : Virus :: Food poisoning: \_\_\_\_\_  
(A) Fungi (B) Nematodes  
(C) Bacteria (D) Algae
20. Choose the pair that best represents a similar relationship to the one expressed in the question:  
Finch : Bird  
(A) Frog : Toad  
(B) Collie : Marsupial  
(C) Dalmatian : Dog  
(D) Ant : Ladybug
21. Complete the analogy:  
Chews : Choose :: \_\_\_\_\_ : \_\_\_\_\_  
(A) Desert : Dessert  
(B) Less : More  
(C) Coop : Coupe  
(D) See : Saw
22. Choose the pair that best represents a similar relationship to the one expressed in the question:  
Binding : Book  
(A) Display : Museum  
(B) Artist : Carpenter  
(C) Nail : Hammer  
(D) Frame : Picture
23. Choose the one which best expresses the meaning of the idiom/phrase:  
A beast of burden  
(A) A good for nothing person  
(B) One who has to carry a lot of burden  
(C) One who is ugly  
(D) One who remains aloof
24. Choose the alternative which best expresses the meaning of the idiom/phrase:  
To hang up one's hat  
(A) To challenge  
(B) To postpone  
(C) To reserve  
(D) Feel comfortable in another person's home
25. Choose the alternative which best expresses the meaning of the underlined idiom/phrase:  
You cannot make anything out of Sushanth Singh's attitude as he is such a queer fish.  
(A) A foolish person  
(B) Insignificant person  
(C) Strange person  
(D) An adventurous person.

Space For Rough Work





**SECTION – B**  
**GENERAL KNOWLEDGE**

26. Government Owned Contractor Operated (GOCO) model is often seen in the news recently for which of the following sector?

- (A) Defence (B) Railways  
(C) Highways (D) Power Plants

27. Consider the following statements regarding the national infrastructure pipeline (NIP):

1. NIP includes economic as well as social infrastructure.
2. With creating infrastructure, promoting competition among sectors is also one of the objectives.
3. NIP gives highest value to the Agriculture in infrastructure development.

Which of the above is correct?

- (A) All (B) 1 & 3  
(C) 1 & 2 (D) 2 only

28. Consider the following statements regarding Goods & Services Tax Council.

1. Goods and Services Tax Council is a constitutional body for making recommendations to the Union and State Governments on issues related to Goods and Services Tax Act.
2. The GST Council dictates tax rate, tax exemption, tax laws and tax deadlines.

Which of the above statements is/are correct?

- (A) 1 only (B) 2 only  
(C) Both (D) None

29. Consider the following statements regarding Strategic Disinvestment Process.

1. Department of Investment and Public Asset Management (DIPAM) under the Ministry of Finance is the nodal department for the strategic stake sale.
2. DIPAM and NITI Aayog will jointly identify PSUs for the strategic disinvestment.

Which of the above statements is/are correct?

- (A) 1 only (B) 2 only  
(C) Both (D) None

30. Choose the correct order of following sectors of economy according to their NPA (Non-Performing Assets):

- (A) Manufacturing > agriculture > retail > service  
(B) Agriculture > manufacturing > retail > Service  
(C) Agriculture > manufacturing > service > retail  
(D) Manufacturing > agriculture > service > retail

31. With respect to ARCTIC COUNCIL, consider the following statements:

1. It was established by 8 Arctic States and 10 non-Arctic States.
2. Its foundation was laid down through the Ottawa Declaration 1966.
3. India was recently re-elected as an Observer to the Arctic Council.
4. It is not a formalised treaty-based international legal entity.

Which of the above are correct?

- (A) 1 and 2 (B) 1, 2 and 4  
(C) 2, 3 and 4 (D) All of the above

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32. Balfour Declaration is related with which of the following?

- (A) US-Iran issue
- (B) Israel-Palestine issue
- (C) Saudi Arabia-Iran issue
- (D) None of the above

33. Consider the following statements about Petcoke:

1. It has high calorific value
2. It is cheaper than coal
3. It has no sulphur content and thus, is 'clean' fuel.

Which of the given statements is/are correct?

- (A) 1 and 2 only
- (B) only 1
- (C) 1 and 3 only
- (D) 1, 2 and 3

34. Consider the following statements about 'Go Tribal Campaign', aimed to promote awareness about tribal arts and crafts.

1. It is launched by TRIFED
2. It covers tribes of the North Eastern Areas only.

Select the correct answer from the codes given below:

- (A) 1 only
- (B) 2 only
- (C) Both 1 and 2
- (D) Neither 1 nor 2

35. Consider the following statements:

1. Organisms in the higher trophic levels tend to be generalists in their feeding habits.
2. The energy lost to respiration decreases with increasing trophic levels.

Which of the above statements is/are correct?

- (A) Only 1
- (B) Only 2
- (C) Both
- (D) None

36. Recently the term 'Shadow Pandemic' has been in the news. What does the term refer to?

- (A) Covid 19 disease
- (B) Deaths of migrants in India
- (C) The rise in gender-based violence during the Covid 19 crisis.
- (D) The spread of Covid 19 in rural areas in India.

37. The area where a species of plant or animal is particularly adapted to live, is

- (A) Ecosystem
- (B) Natural vegetation
- (C) Ecotone
- (D) Habitat

38. Which of the following is/are applicable to the flow of energy in the ecosystem?

1. The Rule of Ten
2. Cyclical direction of flow

Choose the correct option:

- (A) Only 1
- (B) Only 2
- (C) Both
- (D) None

39. Which of the following types of organisms are not found at poles, in the Tundra biome?

- (A) Reptiles
- (B) Large sized animals
- (C) Birds
- (D) Insects

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40. Fiscal deficit for the government indicates-

- (A) Interest payments
- (B) Borrowings
- (C) Debt
- (D) Primary deficit

41. In recent times, India is going through stagflation issue. Which of the following curves can be applied to this situation?

- (A) Kuznets curve
- (B) Laffer curve
- (C) Lorenz curve
- (D) Phillips curve

42. Cobweb phenomenon is in news associated with

- (A) Prices of certain goods witness fluctuations that are cyclical nature.
- (B) Global climate change phenomenon.
- (C) Increased unemployment and decreased GDP growth rate.
- (D) Ocean current movement.

43. What is Constitutional Morality?

- (A) Adherence to core principles and sub-text of the Constitution
- (B) Adherence to other principles of constitutionalism not explicitly mentioned in the Constitution.
- (C) Both (A) and (B)
- (D) None of the above

44. Which of the following is the Central Counter Terrorism Law Enforcement Agency in India?

- (A) National Counter Terrorism Centre
- (B) Research and Analysis Wing (RAW)
- (C) National Investigation Agency (NIA)
- (D) Counter Terrorism and Counter Radicalization Division, MHA

45. Article 131 relates to -

- (A) Original jurisdiction of Supreme Court
- (B) Advisory jurisdiction of Supreme Court
- (C) Appointment of Judges by President
- (D) The article stands repealed

46. India Post Payment Bank was recently in the news. Consider the following about payment banks:

1. Post Payment Bank is India's first payment bank.
2. It will offer all services that a commercial bank offers.
3. No need to maintain SLR.
4. It does not provide debit and credit cards.

Which of the above is incorrect statement?

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

Space For Rough Work





47. Which of the following laws were recently used by the governments in India to deal with Covid 19, for imposing lockdown and social distancing?

1. Disaster Management Act, 2005 (DM Act)
2. Epidemic Diseases Act, 1897

Choose the correct option:

- (A) Only 1
- (B) Only 2
- (C) Both of them
- (D) None of them

48. Consider the following statements regarding JAL SHAKTHI MINISTRY:

1. It is set up with the merger of Ministry of Drinking Water and Sanitation and Ministry of Water Resources, River Development and Ganga Rejuvenation.
2. The mandate regarding international and inter-state water dispute has been kept out of its mandate.

Which of the following are correct?

- (A) Only 1
- (B) Only 2
- (C) Both of the above
- (D) None of the above

49. As per the provisions of the Constitution and the judgements of SC:

1. Parliament can amend any part of the Constitution.
2. The Preamble is not a part of the Constitution.

Which of the above is/are correct?

- (A) Only 1
- (B) Only 2
- (C) Both
- (D) None

50. Consider the following statements about Khan Abdul Ghaffar Khan:

1. He founded the Red Shirt movement (Khudai Khidmatgar or Servants of God) among the Pashtuns.
2. In 1987, he was awarded the Bharat Ratna Prize and was the first non-Indian to receive the honour.

Which of the above statements is/are correct?

- (A) Only 1
- (B) Only 2
- (C) Both of them
- (D) None of them

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**PART – 2**  
**SECTION – C**  
**TEST OF REASONING AND GENERAL INTELLIGENCE**

51. Five people A, B, C, D and E are seated about a round table. Every chair is spaced equidistant from adjacent chairs.

- I. C is seated next to A.
- II. A is seated 2 seats from D.
- III. B is not seated next to A.

Which of the following must be true?

1. D is seated next to B.
2. E is seated next to A.

Select the correct answer from the codes given below:

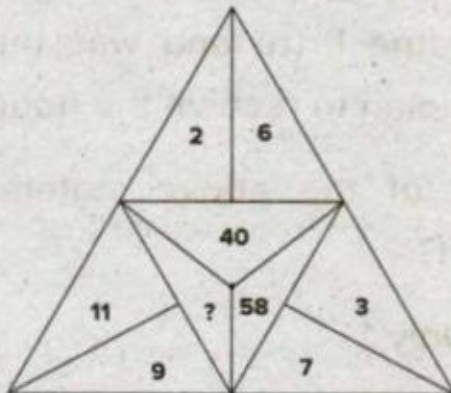
- (A) Only 1                      (B) Only 2  
(C) Both 1 and 2            (D) Neither 1 nor 2

52. The number which comes in place of '?' is



- (A) 61                      (B) 62  
(C) 63                      (D) 64

53. The number which comes in place of question mark (?) is



- (A) 76                      (B) 98  
(C) 202                      (D) 99

54. If the first and the second digits of each number are interchanged, which number will be the second highest?

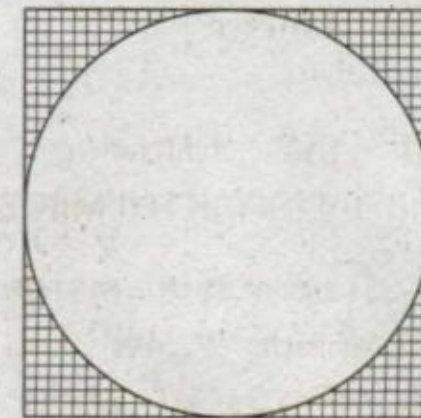
- (A) 568                      (B) 473  
(C) 847                      (D) 382

55. Observe the numbers given in rows and columns. The number which comes in place of (?) is

2	4	6
4	7	3
5	8	7
18	60	?

- (A) 60                      (B) 70  
(C) 80                      (D) 88

56. The area of the shaded region is



7 cm

- (A)  $7 \text{ cm}^2$                       (B)  $14 \text{ cm}^2$   
(C)  $10.5 \text{ cm}^2$                       (D)  $21 \text{ cm}^2$

57. In a race, Rahul touches the finish line in 30 seconds and beats Kunal by 10 seconds. If Rahul gives a start of 5 seconds to Kunal, then in how much time will he again beat Kunal in the race?

- (A) 15 seconds                      (B) 30 seconds  
(C) 25 seconds                      (D) 5 seconds

58. From the digits 2, 4, 7, 8, how many four digit odd numbers can be formed? (repetition of the digits is allowed)

- (A) 24                      (B) 32  
(C) 64                      (D) 108

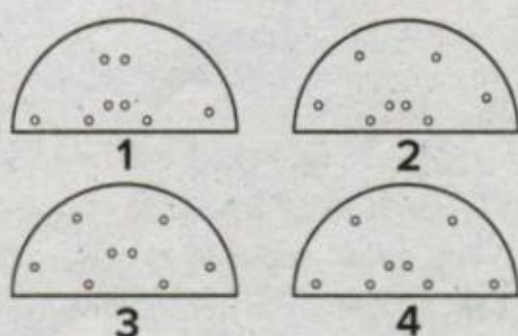
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59. The number of triangles in the given figures are

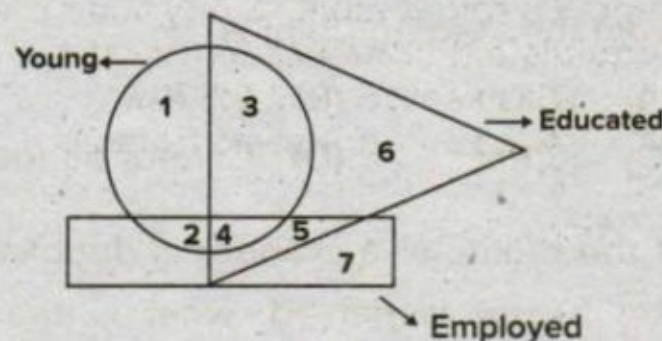


- (A) 10 (B) 16  
(C) 14 (D) 12
60. The sum of the ages of a son and father is 56 years. After 4 years, the age of the father will be three times that of the son. The present age of the son is
- (A) 10 years (B) 12 years  
(C) 12.5 years (D) 13 years
61. My friend was born on 2nd September. I am younger to him by 20 days. In that year, the Teachers' day was on Tuesday. On which day I was born?
- (A) Thursday (B) Friday  
(C) Saturday (D) Sunday
62. The dotted lines on the figure indicate how the paper is folded and the punched part is by circles. How will it look like when the paper is unfolded?



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

63. In the diagram given below, the circle represents young persons, the triangle represents educated persons and the rectangle represents employees.



The number, which represents young and employed but not educated, is

- (A) 1 (B) 2  
(C) 4 (D) 5
64. When government overspends to revive demand, and thus, the growth in the economy, it may need to borrow from the domestic market. Such borrowing is discouraged as it may result into
- (A) Inflation  
(B) Deflation  
(C) Crowding out effect  
(D) Liquidity trap
65. If HEAT is coded as JHCW, then FIRE is coded as
- (A) SRVV (B) HLTH  
(C) UVER (D) ILUH
66. Among the given letter groups, 3 are alike and one is different. The different letter group is
- (A) AJKL (B) IQRS  
(C) EMNO (D) VBCD

Space For Rough Work



67. A and B start walking in opposite direction. A covers 5 Kms and B covers 12 Kms. Then A turns right and walks 12 Kms and B turns left and walks 5 Km. The distance from the starting point is

- (A) 17 Km (B) 8.5 Km  
(C) 13 Km (D) Cannot be found.

68. If the radius of a cylinder is doubled and the height is halved, what is the ratio between the new volume and the previous volume?

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

69. A dice is thrown twice. The probability of getting both numbers are same is

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

70. Observe the numbers in rows and columns. The number which comes in place of '?' is

36	10	64
50	11	?
44	12	100

- (A) 81 (B) 91  
(C) 71 (D) 61

71. In the following number series, which number comes next?

5, 16, 51, 158, ...?

- (A) 1452 (B) 483  
(C) 481 (D) 1454

72. Consider the given statements as true and decide which of the conclusions logically follow from the options:

Statements:

- Some cars are bicycles
- All bicycles are buses
- Some buses are lorries

Conclusion:

- Some buses are cars
  - Some cars are lorries
- (A) Only I follows.  
(B) Only II follows.  
(C) Both I and II follow.  
(D) Neither I nor II follows.

73. In the given 4 groups of letters, three of them are alike in certain way, one is different. The odd one out among the given is :

- YXVT
- GECA
- VTRP
- HFDB

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

74. March 12th of 1936 is a special day because the date 12/3/1936 can be written as 12/3/36 i.e.  $12 \times 3 = 36$ . In a similar way, how many such days will come in 1948?

- (A) 2 (B) 4  
(C) 6 (D) 8

75. In 2005, Dashrath's age was 11 times as that of his son. In 2020, his age becomes 14 times as that of his son's age in 2005. By how many years was Dashrath elder to his son in 2005?

- (A) 30 years (B) 50 years  
(C) 25 years (D) 5 years

Space For Rough Work





**SECTION – D**  
**QUANTITATIVE ANALYSIS**

76. The angles of a triangle are in the ratio 2:7:11. The angles are  
(A)  $20^\circ 70^\circ 90^\circ$  (B)  $18^\circ 70^\circ 92^\circ$   
(C)  $18^\circ 63^\circ 99^\circ$  (D)  $20^\circ 70^\circ 110^\circ$
77. Rs. 800 amounts to Rs. 920 in 3 years at simple interest. If the interest rate is increased by 3%, the amount we are getting is  
(A) Rs. 999 (B) Rs. 992  
(C) Rs. 980 (D) Rs. 972
78. The perimeter of a right angled triangle is 56 cm and area of the triangle is  $84 \text{ cm}^2$ , then the length of hypotenuse (in cm) is  
(A) 25 (B) 50  
(C) 7 (D) 24
79. A cylinder of length 1 metre and diameter 15 cms is melted down and cast into spheres of diameter 5 cms, how many spheres can be made?  
(A) 220 (B) 270  
(C) 320 (D) 590
80. The difference between two numbers is 642 when the greater number is divided by the smaller, quotient is 8 and remainder is 19. Find the greater number.  
(A) 750 (B) 712  
(C) 686 (D) 731
81. ABC is a right angled triangle. AD is perpendicular to the hypotenuse BC. If  $AC = 2AB$ , then the value of BD is  
(A)  $\frac{BC}{2}$  (B)  $\frac{BC}{3}$   
(C)  $\frac{BC}{4}$  (D)  $\frac{BC}{5}$
82. Two trains of equal length are running on parallel lines in the same direction at the rate of 64 Km/hr and 44 Km/hr. The faster train passes the slower train in 48 seconds. The length of each train is  
(A) 1440 m (B) 750 m  
(C) 690 m (D) 720 m
83. The sum of all odd numbers from 1 to 41 is:  
(A) 372 (B) 505  
(C) 441 (D) 398
84. Two musical instruments were purchased for Rs.8,000. The first was sold at a profit of 40% and second at a loss of 40%. If the sale price was the same in both the cases, then the cost price of the cheaper instrument was:  
(A) Rs. 3,600 (B) Rs. 5,600  
(C) Rs. 2,400 (D) Rs. 3,800
85. If the price of sugar is increased by 7%, then by how much per cent should a housewife reduce consumption of sugar, to have no extra expenditure?  
(A) 7 over 107%  
(B) 107 over 100%  
(C) 100 over 107%  
(D) 93 over 100%
86. Out of his total income, Mr. Kapur spends 20% on house rent and 70% of the rest on household expenses. If he saves Rs. 1,800, what is his total income?  
(A) Rs. 7,800 (B) Rs. 700  
(C) Rs. 8,000 (D) Rs. 7,500

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87. The marks obtained by Suresh in English, Mathematics and Science are in the ratio  $\frac{1}{2} : \frac{1}{3} : \frac{3}{5}$ . If his total score is 860, his marks in English are  
 (A) 160 (B) 300  
 (C) 228 (D) 312
88. The ratio between the sale price and the cost price of an article is 7:5. What is the ratio between the profit and the cost price of that article?  
 (A) 13:8 (B) 8:5  
 (C) 3:5 (D) 13:5
89. If the total number of window A.C. machines sold in 2000 was 1.40 lakhs, then what was the number of window A.C. machines sold in 2001?  
 (A) 1,68,000 (B) 11,21,800  
 (C) 1,88,000 (D) Data inadequate
90. What was the increase in the number of A.C. machines sold from 1998 to 1999?  
 (A) 23,000 (B) 33,000  
 (C) 28,000 (D) Data inadequate
91. L.C.M. of three natural numbers 12, 36 and X is 180. How many possible values can X attain?  
 (A) 8 (B) 10  
 (C) 12 (D) 9

Directions for Questions 92 to 94:

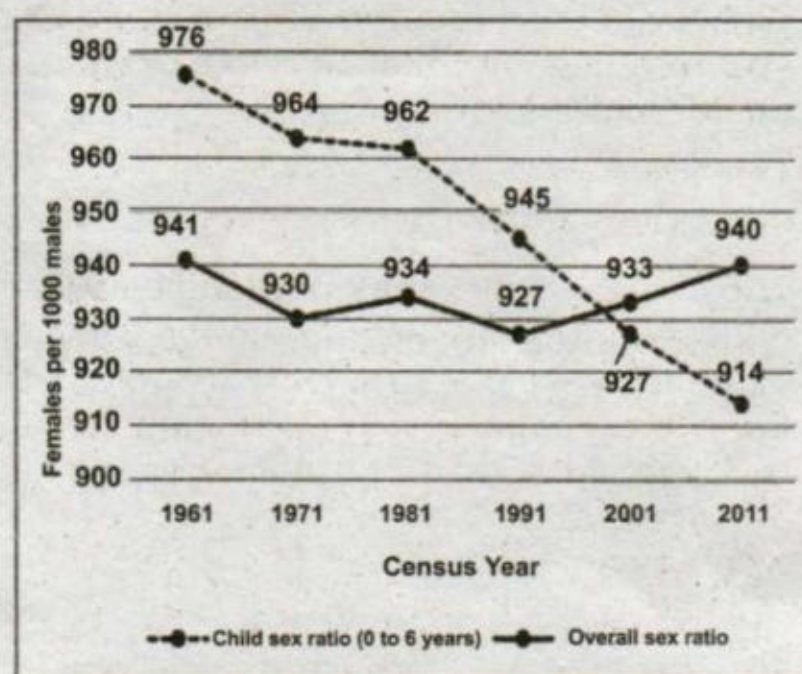
Table given below shows the number of students from four different schools who like different fruits. Some like Mango, some like Banana and some like both. Read the given information carefully and answer questions that follow the table:

School	Total number of students	Percentage of students who like mango	Percentage of students who like Banana
A	1200	60%	55%
B	1000	45%	65%
C	1500	80%	30%
D	1800	50%	55%

92. If the ratio of boys to girls in school 'A' is 5:7, then how many girls of school 'A' like Mango?  
 (A) 300  
 (B) 420  
 (C) 720  
 (D) cannot be determined
93. What is the ratio of the number of students who like Mango from school B and the number of students who like Banana from school D?  
 (A) 75:98 (B) 4:5  
 (C) 98:45 (D) 5:11
94. Find the average number of students who like Mango from all schools.  
 (A) 817.5 (B) 420  
 (C) 720.5 (D) 660

Directions for Questions 95 and 96:

Consider the following graph in which Child sex ratio (0-6) years and overall sex ratio of a country during 1961 to 2011 are given and answer the Questions 95 and 96 that follow:



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95. Looking at the graph, it can be inferred that
- After 1971, there has been a consistent rise in overall sex ratio of a country.
  - After 1991, there has been a consistent fall in overall sex ratio of a country.
  - The fall in child sex ratio has been unabated since 1961.
  - The rise in child sex ratio has been unabated since 1961.

96. With reference to the above graph, consider the following statements taking 1961 as base year:

- There is no time period from 1961 to 2011 where child sex ratio (0-6 years) and overall sex ratio of a country are equal.
- The percentage change in overall sex ratio is more than that of child sex ratio (0-6 years) in the given 50 years.
- The overall sex ratio in 1991 and child sex ratio in 2001 are equal.
- The average of child sex ratio (0-6 years) and overall sex ratio in the year 1971 and 1981 is same.

Which of the above are the most logical and rational conclusions that can be made from the given graph?

- 1 and 2 only
- 2 and 3 only
- 3 only
- 3 and 4 only

97. The captain of a cricket team of 11 players is 25 years and the wicket keeper is 3 years older. If the age of these two are excluded, the average age of the remaining players is 1 year less than the average age of the whole team. The average age of the whole team is

- 24 years
- 21 years
- 26 years
- 22 years

98. How many numbers are there between 500 and 600 in which 9 occurs only once?

- 18
- 19
- 20
- 21

Directions for Questions 99 and 100: Study the following bar chart and answer the questions given below:



99. If the difference between the sale of split A.C. machines in 1999 and 2000 was 3000, what was the number of split A.C. machines sold in 2000?

- 6500
- 8571
- 10500
- Data inadequate

100. Approximately what was the average percentage growth in sale of split A.C. machines over the given years?

- 18
- 20
- 16
- Data inadequate

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## SPACE FOR ROUGH WORK

