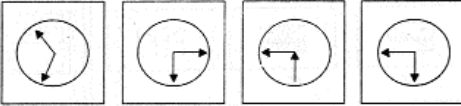


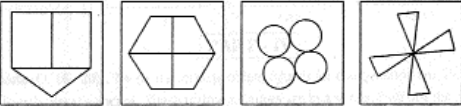
2008 NAVODAYA ENTRANCE EXAMINATION


SECTION – I : MENTAL ABILITY TEST

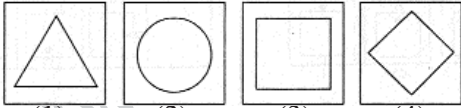
PART – I


Directions (Q. 1 – 5): In each of the questions 1 to 5, four figures (1), (2), (3) and (4) are given. There are three figures which are similar in any sense except one. Find out the odd figure and answer in English letter in the given box attached answer book in front of each question.

1. 

(1) (2) (3) (4)
2. 

(1) (2) (3) (4)
3. 

(1) (2) (3) (4)
4. 

(1) (2) (3) (4)
5. 

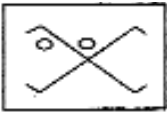
(1) (2) (3) (4)


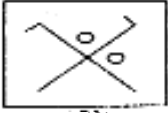
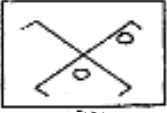
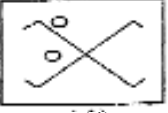
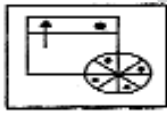
PART – II

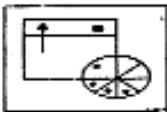
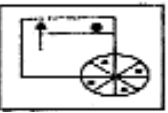
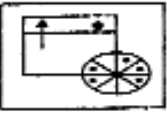
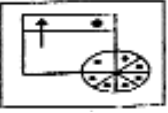

Directions (Q. 6 – 10): There is problem on the left side of the question No. 6 to 10 and on right side, there are 4 answer figures i.e. (1), (2), (3) and (4). Find out that figure which is exactly similar with the problem figure and the correct answer should be written in English letter in the given box in front of each question. For answering the question, separate attached answer book is provided.

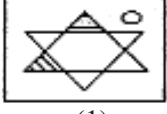
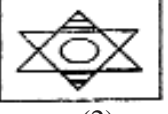
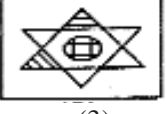

Problem Figure

Answer Figure

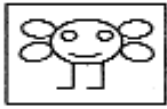
6. 

			
(1)	(2)	(3)	(4)
7. 

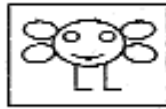
			
(1)	(2)	(3)	(4)
8. 

			
(1)	(2)	(3)	(4)

9.



(1)



(2)

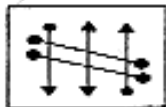
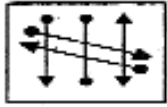


(3)

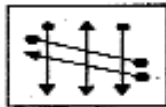


(4)

10.



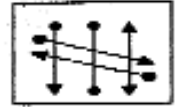
(1)



(2)



(3)



(4)

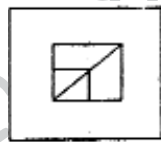
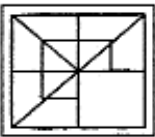
PART - III

Directions (Q. 11 - 15): There is problem for the question No. 11 to 15. Towards the left side of a line. One part of this figure is missing. Observe answer figure (1), (2), (3) (4) to the right side of line. Find out that figure which complete the portion of embedded part of problem figure without changing its direction and this part should complete the pattern of problem figure. Write down answer in English letter in the given box in front of each question in attached answer book.

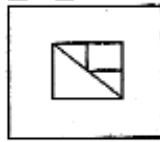
Problem Figure

Answer Figure

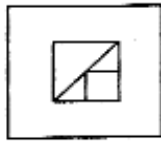
11.



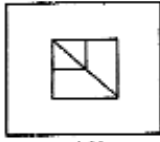
(1)



(2)



(3)

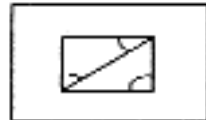


(4)

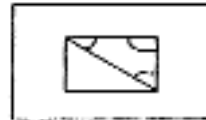
12.



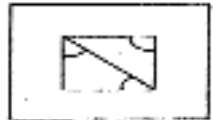
(1)



(2)

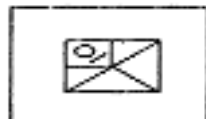


(3)



(4)

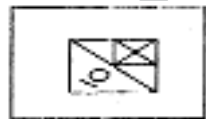
13.



(1)



(2)

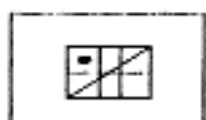
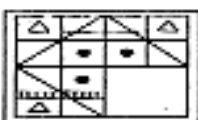


(3)

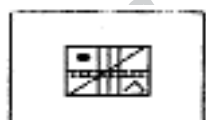


(4)

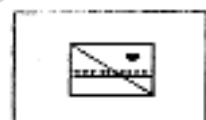
14.



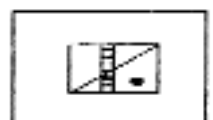
(1)



(2)

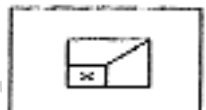
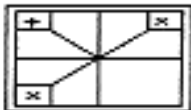


(3)

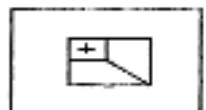


(4)

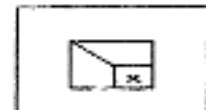
15.



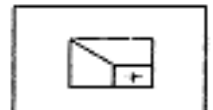
(1)



(2)



(3)



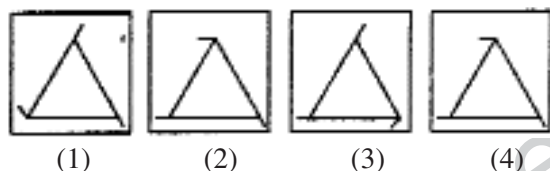
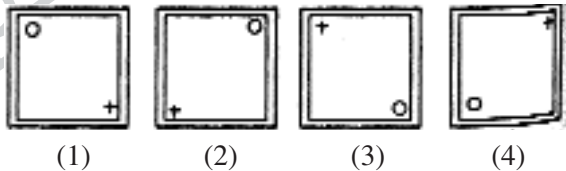
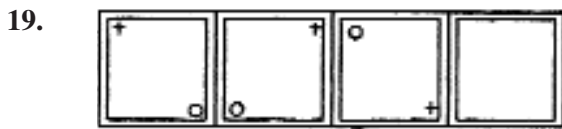
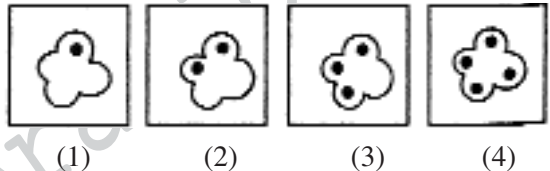
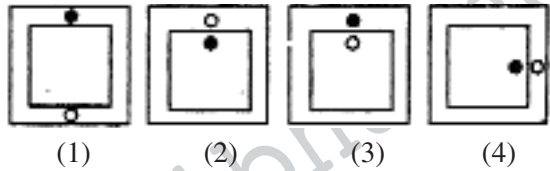
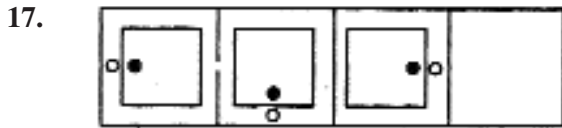
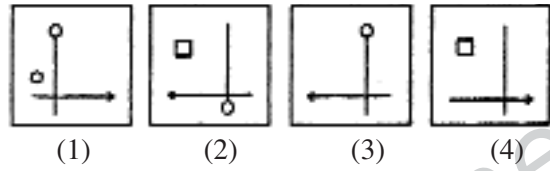
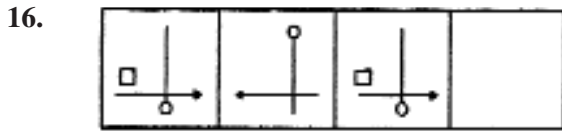
(4)

PART - IV

Directions (Q. 16 - 20): There are three problem figures for the question No. 16 to 20 towards the left side of line and fourth place is vacant. These problem figures are in a series. Find out the proper figure from the answer figures which is right side of the line. This figure completes the series. By selecting the correct answer, fill this answer in English letter in a given box in front of each question in the attached answer book.

Problem Figure

Answer Figure

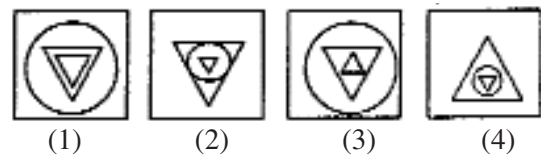
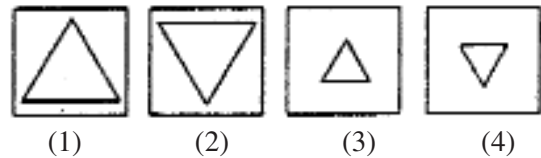
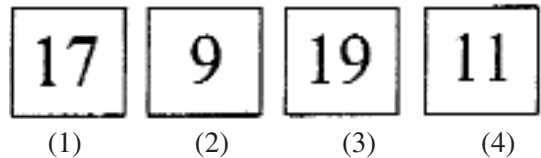
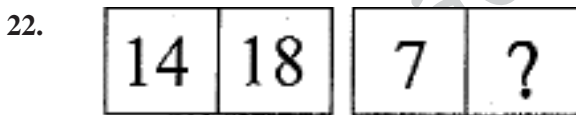
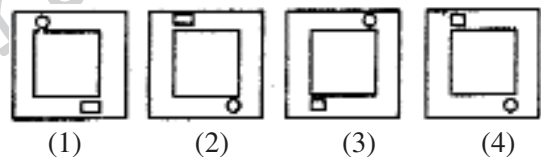
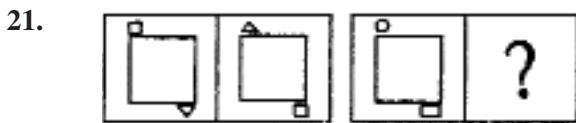


PART - V

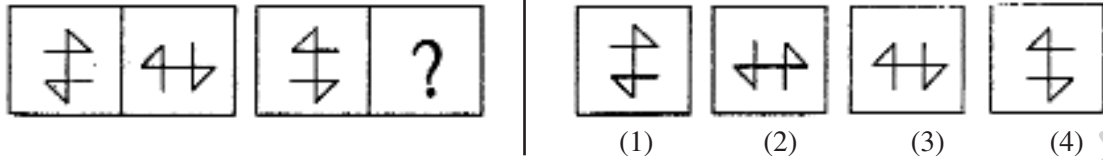
Directions (Q. 21 - 25): There is a sign of question mark (?) after three problem figures for fourth figure. There is a relation in some respect between first two problem figures. The same relationship should also be adopted between third and fourth problem figures. Find out the answer figure from the given four figures that answer should be rightly resembled. By selecting the right answer, fill the answer in English letter in the given box in front of each question in attached answer book.

Problem Figure

Answer Figure



25.



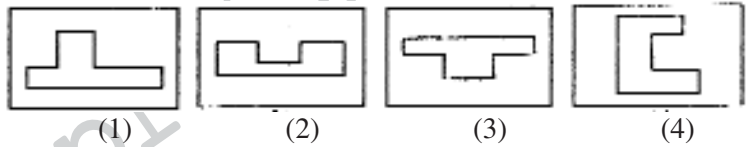
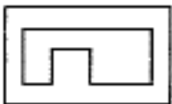
PART – VI

Directions (Q. 26 – 30): There is a part of square to the question No. 26 to 30 towards the left side of line and on right side of line there is a remaining part of that square given in four figures i.e., (1), (2), (3) and (4). Find out that figure from the figures of right side which can complete the square. Find out the answer and fill in English letter in the given box in front of each question in attached answer book.

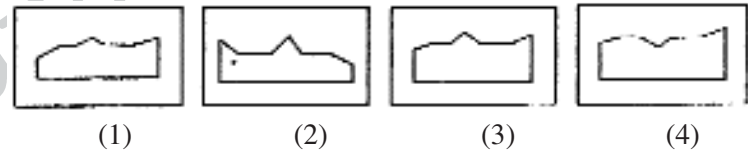
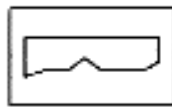
Problem Figure

Answer Figure

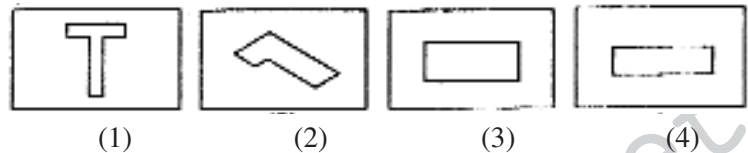
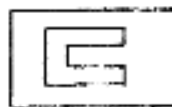
26.



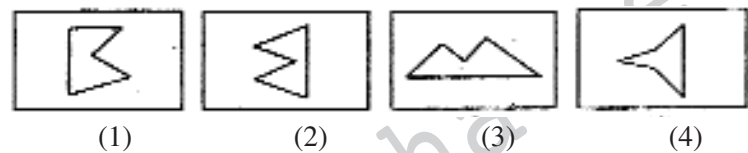
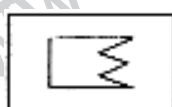
27.



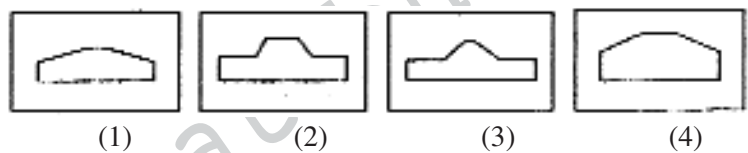
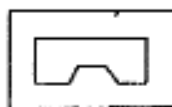
28.



29.



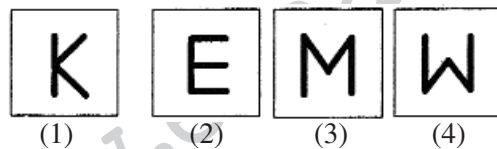
30.



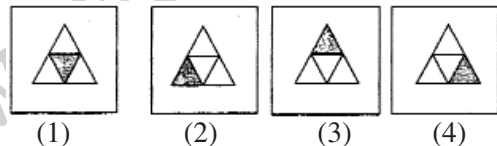
PART – VII

Directions (Q. 31 – 35): In each of the questions 31 to 35, four figures (1), (2), (3) and (4) are given. There are three figures which are similar in any sense except one. Find out the odd figure and answer in English letter in the given box attached answer book in front of each question.

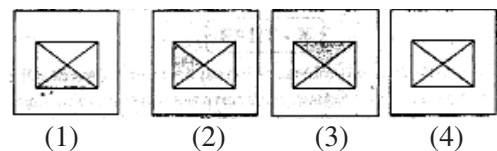
31.

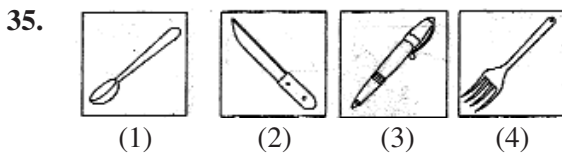
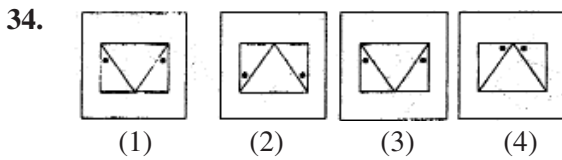


32.



33.



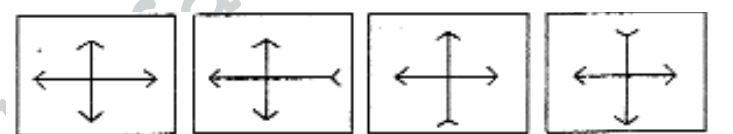
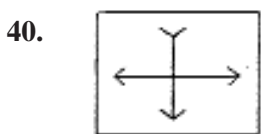
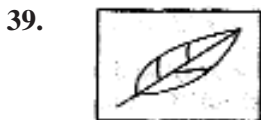
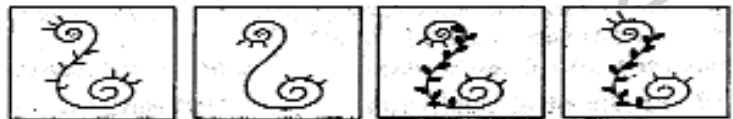
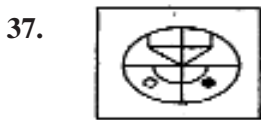
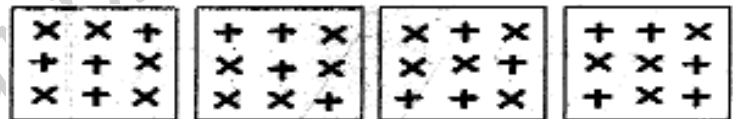
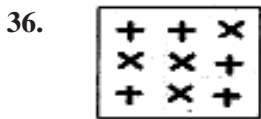


PART – VIII

Directions (Q. 36 – 40): There is a problem on the left side for the question No. 36 to 40 and on right side, there are 4 answer figures i.e. (1), (2), (3), (4). Find out that figure which is exactly similar with the problem figure and the correct answer should be written in English letter in the given box in front of each question. For answering the question, separate attached answer book is provided.

Problem Figure

Answer Figure

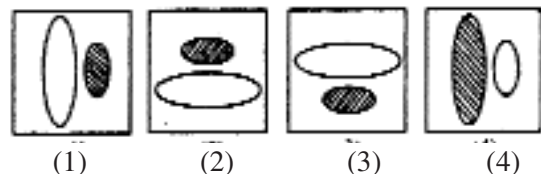
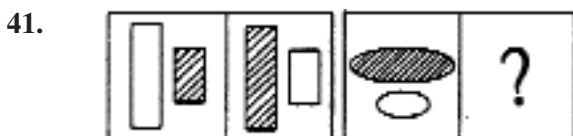


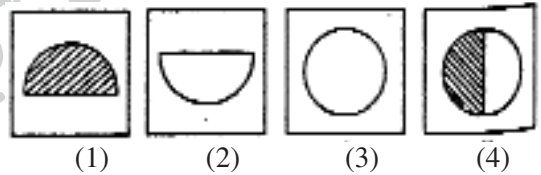
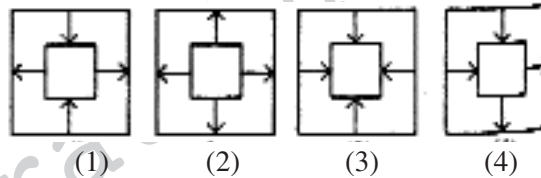
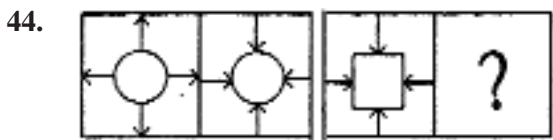
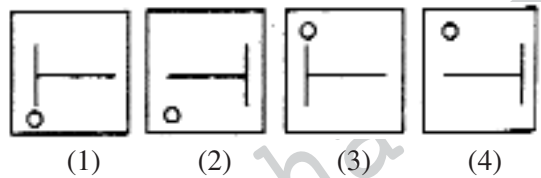
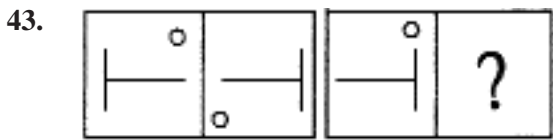
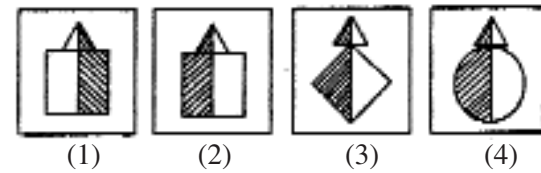
PART – IX

Directions (Q. 41 – 45): There is a sign of question mark (?) after three problem figures for fourth figure. There is a relation in some respect between first two problem figures. The same relationship should also be adopted between third and fourth problem figures. Find out the answer figure from the given four figures that answer should be rightly resembled. By selecting the right answer, fill the answer in English letter in the given box in front of each question in attached answer book.

Problem Figure

Answer Figure



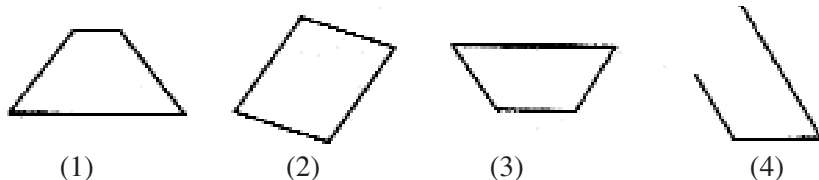
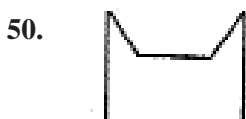
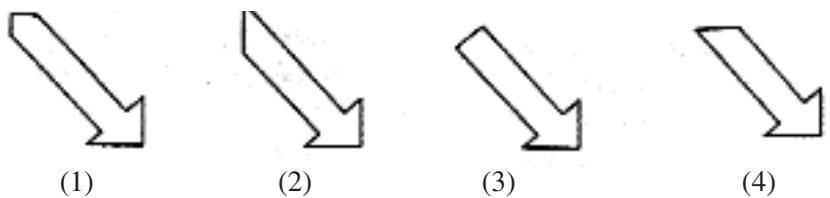
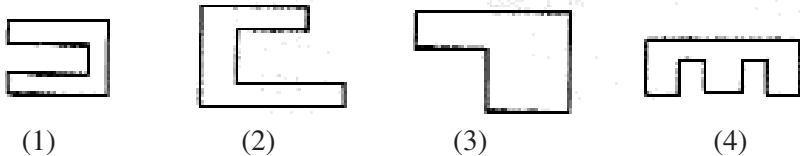
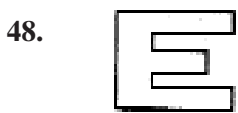
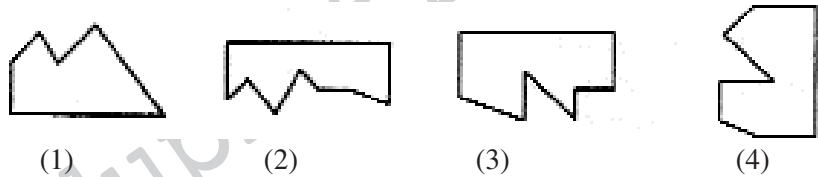
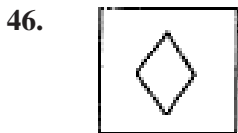


PART - X

Directions (Q. 46 - 50): There is a part of square to the question No. 46 to 50 towards the left side of line and on right side of line there is a remaining part of that square given in four figures i.e., (1), (2), (3) and (4). Find out that figure from the figures of right side which can complete the square. Find out the answer and fill in English letter in the given box in front of each question in attached answer book.

Problem Figure

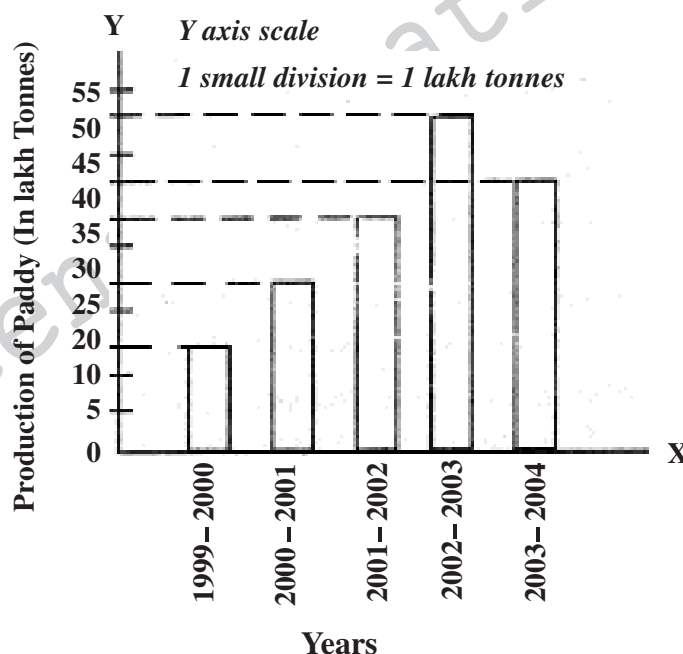
Answer Figure



SECTION-II : ARITHMETIC

Directions: There are four possible answers for each question which are represented by (1), (2), (3) and (4). Out of these, only one answer is correct. After selecting correct answer, indicate your correct response.

51. A game started at 9.30 a.m. and ended at 3.15 p.m. How long did the game last?
 1) 12 hr. 45 mts. 2) 5 hr. 45 mts 3) 6 hr. 15 mts. 4) 6 hr. 45 mts.
52. A bus travels at a speed of 72 km per hour. What is its speed in metres per second?
 1) 10 m/s 2) 20 m/s 3) 30 m/s 4) 60 m/s
53. A bottle's quantity is 300 cubic centimetres. In how many bottles can 36 litres liquid in the tube be filled?
 1) 120 2) 220 3) 110 4) 60
54. The circumference of a square is equal to the circumference of a rectangle which has measurements of 5 m and 7 m. What is the area of square?
 1) 25 sq.m. 2) 35 sq.m 3) 36 sq.m. 4) 49 sq.m.
55. If a thing worth Rs. 480 is sold at Rs. 500, what is the profit percentage?
 A) 3% B) 4% C) $4\frac{1}{6}\%$ D) 5%
56. A person borrowed Rs. 7500 at the rate of 10%. How much money should he pay after two years?
 1) Rs.6000 2) Rs.7500 3) Rs.8500 4) Rs.9000
57. A person bought 2 mangoes for Rs. 10 and sold them at the rate of Rs. 18 for 3 fruits. How much profit did he get in this business?
 1) 25% 2) 22.5% 3) 20% 4) 26%
58. A person bought a table for Rs. 325 and expended Rs. 25 for its repair. Later he sold it for Rs. 420. What is the profit percentage he got?
 1) 20% 2) 25% 3) 30% 4) 70%
59. Read the Bar chart given below carefully and note increase of the production of paddy in the year 2001 – 2002 when compared to the paddy production in 2000 – 2001.



- 1) 50 lakh tonnes 2) 10 lakh tonnes 3) 25 lakh tonnes 4) 15 lakh tonnes

60. Note the smallest number among the following, which has 5 digits 8, 0, 3, 1 and 6.
 1) 13068 2) 16803 3) 10638 4) 10638
61. What is difference between the smallest number with 5 digits and the biggest number with 4 digits?
 1) 0 2) 1 3) 2 4) 3
62. Note the biggest number among the following.
 1) 10239 2) 10293 3) 10392 4) 10923
63. The total of first five multiples of 12
 1) 196 2) 168 3) 192 4) 180
64. Note the number that indicates the difference between the number 36490 in which 6 and 9 are altered mutually and the original number.
 1) 2970 2) 3030 3) 2070 4) 2790
65. Note the decimal equivalent to $\frac{17}{1000}$.
 1) 0.17 2) 0.017 3) 1.7 4) 0.0017
66. What is the total of 23.3, 2.33, 0.233 and 0.0203?
 1) 25.8833 2) 258.833 3) 2588.33 4) 25.3388
67. What is the product if 0.45 is divided by 9?
 1) 5 2) 4.5 3) 5.5 4) 0.05
68. Note the following as decimal.
 5% of 3.75 + 10% of 7.25
 1) 0.9152 2) 0.9521 3) 0.9125 4) 0.9527
69. What is the 0.01% of 25000?
 1) 2.5 2) 25 3) 0.25 4) 250
70. What is the undivisible number with 3 digits?
 1) 101 2) 111 3) 133 4) 154
71. What is the greatest common divisor that divides the numbers 72, 81 and 180?
 1) 4 2) 6 3) 8 4) 9
72. The Greatest Common Factor (G.C.F.) and the Least Common Multiple (L.C.M.) of two numbers are 5 and 385 respectively. If one number is 55, what is the other number?
 1) 30 2) 35 3) 45 4) 90
73. **Evaluate:** $(600 + 80 \div 2 - 10 \times 8)$
 1) 688 2) 260 3) 580 4) 560
74. How can the number 956432 be written in its nearest hundred (100) numbers. Find out from the following:
 1) 956400 2) 956440 3) 956000 4) 956500
75. Note the row of subsequent numbers.
 28 84 112
 38 114 152
 48 144 192

 1) 58 174 232 2) 58 184 244 3) 68 204 272 4) 68 214 292

SECTION – III

LANGUAGE

Instructions: In this section, there are three passages. Five questions are given under each passage. Read each passage carefully and answer the questions given below it. For each question there are four answers with the numbers 1, 2, 3 and 4. Among them one is correct. Write the number which indicates the correct answer in the box given opposite to the question.

PASSAGE – 1

Swami Dayananda is a great sage. One day he was walking on the steps, having taken both in the river Ganges. Then a person came there in the opposite direction. He didn't know Swami's greatness. He began abusing Swami. Swami ignored his abuses.

Then a stranger came on that way. He said to Swami, "He is abusing you. Being strong, why are you tolerating? Give him a blow". Swami said smilingly, "Look, my friend, suppose any body gives us anything, what would happen if we don't accept it?". He answered "It remains with the person who has given it". Then swami said, "What you said is right. I did not take his abuses. So they remained with him".

The person who abused Swami listened to these words, apologised to Swami and begged his pardon.

76. Who is Swami Dayananda?
1) Leader 2) Politician 3) Holy sage 4) Friend
77. What did the person, who came opposite to him, do?
1) Praised Swami 2) Wanted Swami to come to his house
3) Abused Swami 4) Laughed at Swami
78. What did the stranger want Swami to do?
1) Wanted to tolerate abuses 2) wanted not to tolerate abuses
3) wanted to give him a blow 4) wanted to give him something
79. How did Swami react to the abuses?
1) reabused 2) pardoned 3) touched his feet 4) smiled at him
80. What did the stranger and the person who abused swami learn?
1) The blackguards also become good, if pardoned.
2) One should not talk ill of others.
3) One should have patience.
4) One should love everyone

PASSAGE – 2

After his father's death, Ashoka became the king. He is one of the greatest kings who ruled India. He was not only brave, intelligent, but also kind. After he became the king, he invaded Orissa with his army, defeated the enemy forces and extended his kingdom. But so many soldiers in both armies were slain in this battle. He was scared to see that. The army killed or felled the hands and legs of the innocents for the reason that they were going on the way. Ashoka was perturbed on seeing that.

When Ashoka returned to Patna, he resolved not to wage any war thereafter and obtained rest through Buddhist sermons.

81. 'Ashoka was brave'. How can you say this?
1) He wanted to extend his kingdom waging many wars.
2) He fought bravely in his fight battle and won.

- 3) He resolved not to wage thereafter.
4) That, the innocents were killed, saddened him.
82. He resolved not to wage wars after winning his first battle. The reason for this is
- 1) He feared that he would be killed in any war.
2) Not having faith in war skill.
3) He was very weak.
4) He could not see that many innocents were put to death.
83. What is the meaning of the word 'slain' in this passage?
- 1) Giving martial training to soldiers and animals.
2) Killing many humans and animals
3) Giving treatment for humans and animals that were injured in war.
4) Killing hundreds of humans and animals with guns
84. At last, what did Ashoka decide?
- 1) To study about religion going to university.
2) To follow the path of Buddha.
3) To become a monk abandoning the kingdom.
4) To live in Buddhist monastery along with other Buddhist monks.
85. Which of the following sentences indicates the meaning of 'the innocent'?
- 1) The judge said that the arrested person was innocent.
2) I wanted to kiss the child seeing his/ her innocent face.
3) Every day thousands of innocents were killed because of bomb blasts in busy places.
4) She is a common person and innocent. She doesn't think to harm anybody.

PASSAGE – 3

There lived an ant and a grasshopper side by side. They were quite different to one another. The ant and its family were hardworking. They worked hard throughout the day. They collected rice, flour and sugar. They ate a bit and saved the rest. The ants had no time for enjoyments and gossippings. The grasshoppers spent the time enjoying every moment. They spent the time with feasts, entertainments. They ridiculed the ants which had no enjoyments. It was bitterly cold in the winter. The ants and the grasshoppers could not go out for food. The grasshoppers had no food because they did not save anything. Then the grasshopper went to the ant and asked, "Will you give me some food. My family is hungry".

"I can give. But, we worked hard. This food is for me and my family. What did you all do in spring season and summer?" asked the ant.

"As the weather was favourable, we spent the time in merry-making" said the grasshopper.

"If so, go and play in this winter too. Working hard is not an easy task. But its results are sweet," said the ant.

86. The ant's family
- 1) laxy
2) spent the time in enjoyments
3) hard workers
4) played games
87. What happened in the winter?
- 1) The grasshoppers would go for feasts.
2) The grasshoppers had a lot of food.
3) The grasshoppers were warm and comfortable
4) The grasshoppers were hungry.

88. Which is the word equivalent to the word 'gather' in the passage?

- 1) save 2) collect 3) toil 4) work

89. Why did the ants not help the grasshoppers?

- 1) They were greedy 2) They were vicious
3) They wanted to keep all the food 4) They wanted to teach the grasshoppers a lesson

90. What is the moral we have learnt from this story?

- 1) We should collect some food 2) We should be cheerful
3) Working hard is not easy. Its results are sweet 4) It is good to work hard

Instruction: There are four possible answers for each question. Choose the correct response among them to complete the given sentences properly.

91. While I was doing dance practice,

- 1) my friend knocked at the door 2) my friend when the door was knocked
3) when the door knocked at my friend 4) when knocked, my friend near the door

92. If you did not pass in the examination

- 1) do you 2) you do 3) what would you do? 4) what you would do?

Instruction: Four sentences A, B, C and D are given below in improper order. Four possible answers 1, 2, 3 and 4 are also given. Choose the correct one among them which indicates proper order and write the correct answer in the box given opposite to the question.

93. A. Shoe-polishing is an art.
B. We should polish smoothly.
C. Firstly, we should unlace the shoes.
D. We should dust the shoes.

The correct answer should be in the following order.

- 1) BCAD 2) ACDB 3) DBAC 4) CBAD

94. A. We should exercise daily
B. We should exercise for minimum half an hour
C. Exercise is good for health
D. Running is good for heart.

The correct order

- 1) ABCD 2) ABDC 3) CBDA 4) CABD

Instruction: Each question has four alternative answers which are numbered as 1, 2, 3 and 4. One answer among them is correct answer and write the correct answer number in the blank provided against the question.

95. Meera went buy flowers.

- 1) with 2) for 3) to 4) of

96. I have got a puppy me.

- 1) by 2) with 3) for 4) to

97. My brother curd food.

- 1) eaten 2) are eating 3) is eating 4) were eating

Instruction: There are four possible answers 1, 2, 3, 4 for each question, which are divided into four parts. In this part verb is given wrong. Write the correct answers in the box given opposite to the question.

98. The sun/ in the east/ tomorrow/ rose.

- (1) (2) (3) (4)

99. They / built / tomorrow / a new hospital.

- (1) (2) (3) (4)

100. We / go / out / yesterday.

- (1) (2) (3) (4)

ANSWERS

SECTION – I : MENTAL ABILITY

1-3; 2-1; 3-2; 4-2; 5-2; 6-1; 7-2; 8-3; 9-1; 10-4; 11-4; 12-3; 13-2; 14-2; 15-4; 16-3; 17-2; 18-4; 19-2; 20-1; 21-2; 22-4; 23-2; 24-1; 25-2; 26-1; 27-3; 28-1; 29-2; 30-2; 31-1; 32-1; 33-4; 34-4; 35-3; 36-4; 37-1; 38-3; 39-3; 40-4; 41-3; 42-2; 43-1; 44-2; 45-1; 46-1; 47-3; 48-1; 49-2; 50-3

SECTION – II : ARITHMETIC

51-2; 52-2; 53-1; 54-3; 55-3; 56-4; 57-3; 58-1; 59-2; 60-3; 61-2; 62-4; 63-4; 64-1; 65-2; 66-1; 67-4; 68-3; 69-1; 70-1; 71-4; 72-2; 73-4; 75-1

SECTION – III : LANGUAGE

76-3; 77-3; 78-3; 79-4; 80-1; 81-2; 82-4; 83-2; 84-2; 85-3; 86-3; 87-4; 88-2; 89-4; 90-3; 91-1; 92-3; 93-2; 94-4; 95-3; 96-2; 97-3; 98-4; 99-2; 100-2..