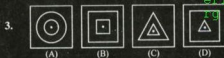
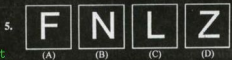
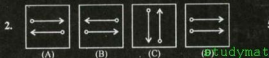
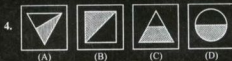
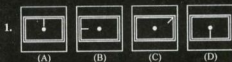


# SOLVED PAPER (Based on Memory)

## SECTION I : MENTAL ABILITY TEST

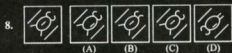
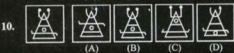
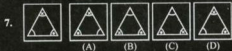
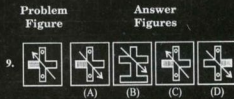
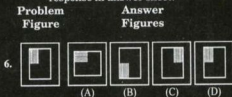
### PART-I

**Directions (Q. 1-5) :** The four figures (A), (B), (C) and (D) are given in each question below. The three figures out of these four figures are same upto some limit and after choosing separate figure, indicate your correct answer in answer sheet.



### PART-II

**Directions (Q. 6-10) :** There are four answer figures (A), (B), (C) and (D) given at the right side and one problem figure at the left side in each question below. Select the answer figure which is same with all respect of the problem figure and after selecting this figure, indicate your correct response in answer sheet.



**PART-III**

**Directions (Q. 11-15) :** One problem figure is given at the left side of line in each question below. One part is missing of that given problem figure. Findout that figure from given (A), (B), (C) and (D) answer figures at right side which fits exactly in the missing part of problem figure without changing their direction and complete the pattern of the problem figure. After selecting figure, indicate your correct response in answer sheet.

	Problem Figure	Answer Figures			
11.					
		(A)	(B)	(C)	(D)
12.					
		(A)	(B)	(C)	(D)
13.					
		(A)	(B)	(C)	(D)

	Problem Figure	Answer Figures			
14.					
		(A)	(B)	(C)	(D)
15.					
		(A)	(B)	(C)	(D)

**PART-IV**

**Directions (Q. 16-20) :** There are given three problem figures on the left side of the line in each question below and fourth place is blanked. The problem figures are in the series. Find out that which does complete this figure of the series by given right side answer figure of the line. After selecting figure, indicate your correct response in answer sheet.

	Problem Figures			
16.				?
17.				?
18.				?
19.				?
20.				?

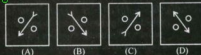
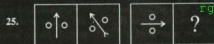
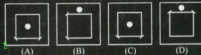
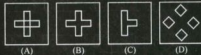
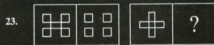
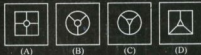
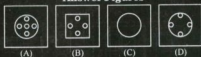
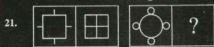
	Answer Figures			
	(A)	(B)	(C)	(D)
	(A)	(B)	(C)	(D)
	(A)	(B)	(C)	(D)
	(A)	(B)	(C)	(D)

**PART-V**

**Directions (Q. 21-25) :** There is a question-mark (?) printed at the fourth place after three problem figures in each question below. There is a relationship between first two problem figures. Similarly, there should be a relationship between third and fourth problem figures also. Select that figure from the answer figures which is fit for the place of question-mark (?) of problem figure. After selecting figure, indicate your correct response in answer sheet.

**Problem Figures**

**Answer Figures**



**PART-VI**

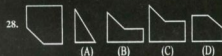
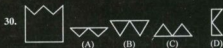
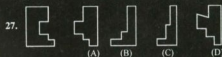
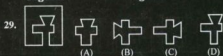
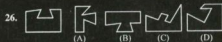
**Directions (Q. 26-30) :** The one part of square is at the left side of the line in each question given below and second part of that may be any one out of four (A), (B), (C) and (D) of given figures on the right side of the line. Find out that figure from given figures of right side which completes the square. After selecting figure, indicate your correct response in answer sheet.

**Problem Figure**

**Answer Figures**

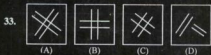
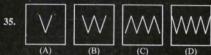
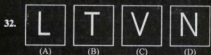
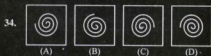
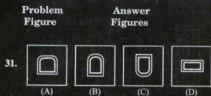
**Problem Figure**

**Answer Figures**



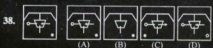
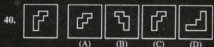
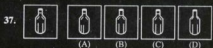
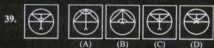
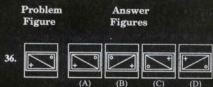
**PART-VII**

**Directions (Q. 31-35) :** The four figures (A), (B), (C) and (D) are given in each question below. The three figures out of these four figures are same upto some limit and after choosing separate figure, indicate your correct response in answer sheet.



**PART-VIII**

**Directions (Q. 36-40) :** There is four answer figures (A), (B), (C) and (D) given at the right side and one problem figure at the left side in each question below. Select that answer figure which is same with all respect of the problem figure and after selecting the figure, indicate your correct response in answer sheet.



**PART-IX**

**Directions (Q. 41-45) :** There is a question-mark (?) printed at the fourth place after three problem figures in each question below. There is a relationship between first two problem figures. Similarly, there should be a relationship between third and fourth problem figures also. Select that figure from the answer figures which is fit for the place of question-mark (?) of problem figure. After selecting figure, indicate your correct response in answer sheet.

**Problem Figures**

**Answer Figures**

41.		
42.		
43.		
44.		
45.		

**PART-X**

**Directions (Q. 46-50) :** The one part of square is at the left side of the line in each question given below and second part of that may be any one out of four (A), (B), (C) and (D) of given figures on the right side of the line. Find out that figure from given figures of right side which completes the square. After selecting figure, indicate your correct response.

<b>Problem Figure</b>	<b>Answer Figures</b>	<b>Problem Figure</b>	<b>Answer Figures</b>
46.		49.	
47.		50.	
48.			

## SECTION II : ARITHMETIC

**Directions :** Each question has four options (A), (B), (C) and (D). Choose the correct option and the answer on the answer sheet.

51. Cost price of an article is Rs. 480 and its selling price is Rs. 500. Profit per cent is :

(A) 3% (B) 4%  
(C)  $4\frac{1}{6}\%$  (D) 5%

52. Perimeter of a square is equal to the perimeter of a rectangle whose dimensions are 5 m. and 7 m. Area of the square is :

(A)  $25m^2$  (B)  $35m^2$   
(C)  $36m^2$  (D)  $49m^2$

53. Volume of a bottle is  $300cm^3$ . Capacity of a tub is 36 litre. How many bottles are needed to fill the tub ?

(A) 120 (B) 220  
(C) 110 (D) 60

54. A bus is travelling at the speed of 72 km. per hour. Change this speed in metre per second :

(A) 10 m. per sec. (B) 20 m. per sec.  
(C) 30 m. per sec. (D) 60 m. per sec.

55. A match started at 9.30 A.M. It was played upto 3.15 P.M. What was the duration of the match ?

(A) 12 hrs. 45 minutes  
(B) 5 hrs. 45 minutes  
(C) 6 hrs. 15 minutes  
(D) 6 hrs. 45 minutes

56. What is next row of numbers ?

28	84	112
38	114	152
<u>48</u>	<u>144</u>	<u>192</u>
(A) 58	174	232
(B) 58	184	244
(C) 68	204	272
(D) 68	214	292

57. Round up 956432 upto hundred :

(A) 956400 (B) 956440  
(C) 956000 (D) 956500

58.  $(600 + 80 + 2 - 10 \times 8)$  is equal to :

(A) 688 (B) 260  
(C) 580 (D) 560

59. H.C.F. and L.C.M. of two numbers are 5385 respectively. If one number is 55, the other number will be :

(A) 30 (B) 35

(C) 45 (D) 90

60. H.C.F. of 72, 81 and 180 is :

(A) 4 (B) 6  
(C) 8 (D) 9

61. Least three digits prime number is :

(A) 101 (B) 111  
(C) 133 (D) 154

62. Find 0.01% of 25000 :

(A) 2.5 (B) 25  
(C) 0.25 (D) 250

63. Convert (3.75 of 5% + 7.25 of 10%) into decimals :

(A) 0.9152 (B) 0.9521  
(C) 0.9125 (D) 0.9527

64.  $0.45 + 9$  is equal to :

(A) 5 (B) 4.5  
(C) 5.5 (D) 0.05

65. Sum of 23.3, 0.233, 2.33 and 0.0203 is equal to :

(A) 25.8833 (B) 258.833  
(C) 2588.33 (D) 25.3388

66.  $\frac{17}{1000}$  can be converted in decimals as :

(A) 0.17 (B) 0.017  
(C) 1.7 (D) 0.0017

67. Find the difference between the number 36490 and the number obtained by interchanging the places of 6 and 9 :

(A) 2970 (B) 3030  
(C) 2070 (D) 2790

68. What is the sum of first 5 multiples of 12 ?

(A) 196 (B) 168  
(C) 192 (D) 180

69. Find the least number out of the following numbers :

10239, 10293, 10392, 10923  
(A) 10239 (B) 10293  
(C) 10392 (D) 10923

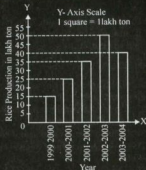
70. Difference between the smallest five digit number and the greatest four digit number is :

(A) 0 (B) 1  
(C) 2 (D) 3

71. Smallest 5 digit number formed by the digits 8, 0, 3, 1 and 6 is :

(A) 13068 (B) 16803  
(C) 10368 (D) 10638

72. From the bar chart the production of rice in the year 2001-02 was more than the production of the year 2000-01 :



- (A) 50 lakh ton (B) 10 lakh ton  
(C) 25 lakh ton (D) 15 lakh ton
73. A man purchased a table for Rs. 325. He spent Rs. 25 on its repairs. He sold the table for Rs. 420. What is his profit per cent ?  
(A) 20% (B) 25%  
(C) 30% (D) 70%
74. A man bought some apples at the rate of Rs. 10 for 2 and sold them at rate of Rs. 18 for 3. Calculate the profit per cent :  
(A) 25% (B) 22.5%  
(C) 20% (D) 26%
75. A man borrowed Rs. 7500 for 2 years at the rate of 10% per annum. How much money he will pay after two years ?  
(A) Rs. 6000 (B) Rs. 7500  
(C) Rs. 8500 (D) Rs. 9000

### SECTION III : LANGUAGE (ENGLISH)

**Directions (Q. 76-90) :** There are three passages of this Section. At the end of each passage, five questions are asked. Read each passage attentively and answer the questions. There are four probable answers to each question, which are lettered (A), (B), (C) and (D). Only one of these probable answers is correct. Choose the correct answers. Indicate the answer in answer sheet.

#### PASSAGE-I

One day Tansen sang one of the songs taught by his master and deliberately introduced a false note. It had almost an electric effect on the saint; his aesthetic nature received a rude shock. He turned to Tansen and rebuked him, saying, 'What has happened to you, Tansen, that you, a pupil of mine, should commit such a gross blunder?'

He then started singing the piece correctly, the mood came upon him and enveloped him, and he forgot himself in the music which filled the earth and heaven and Akbar and Tansen themselves in the sheer melody and charm of the music.

It was a unique experience. When the music stopped, Akbar turned to Tansen and said, 'You say you learnt music from this saint and yet you seem to have missed the living charm of it all. Yours seems to be chaff beside this soul stirring music.'

76. Here 'samt' refers to :

- (A) Akbar (B) Tansen  
(C) Tansen's Guru (D) Some other courtier

77. Which word did Akbar use to describe Tansen's music ?

- (A) Charming (B) Thrilling  
(C) Soul Stirring (D) Chaff

78. Tansen's Guru rebuked Tansen because :

- (A) He sang a classical song  
(B) He sang a song with a false note  
(C) He tried to show his superiority over his master  
(D) He sang a song not suitable to the Occasion

79. What did Akbar miss in Tansen's music ?

- (A) Chaff (B) Right tunes  
(C) Living charm (D) Inspiration

80. 'Tansen,.....should commit such a gross blunder'. Here 'gross' means :

- (A) Twelve dozen (B) Serious  
(C) Shocking (D) Melody

#### PASSAGE-2

Once upon a time, there lived a Rajput king at Malwa. His kingdom was small, quiet and peaceful. There were no major battles or political problems. So his one aim in life was to make his people happy.

One year there was a severe drought. The fields were dry and cracked, and the trees were bare. There were no flowers and fruits in the land, or crops of any kind. The king was worried. How was he to save the people happy.

He walked to the river Narmada, knelt down and prayed, 'O Sacred Narmada, bless us with rain. Save my people from famine, and I shall offer you my first-born child'.

Before long, the sky was overcast with clouds and it rained heavily. The wet earth was ploughed, seeds were sown and a few months later a bumper crop was harvested. The people rejoiced.

81. What was the king's problem ?  
 (A) Wars (B) Politics  
 (C) Famine (D) Flood
82. Which statement shows that the Rajput king loved his people ?  
 (A) The king offered his first-born child to river Narmada  
 (B) He opened the gates of the state granary for his people  
 (C) He forced his neighbouring states to contribute food  
 (D) He set up relief camps to feed the hungry
83. When there is drought :  
 (A) There is lot of rain  
 (B) The earth is dry and cracked  
 (C) People are very happy  
 (D) People sow the seeds
84. The king prayed Narmada for :  
 (A) Grains (B) Famine  
 (C) A child (D) Rain
85. 'Before long' means :  
 (A) A long time ago (B) For a long time  
 (C) Very soon (D) In the past

#### PASSAGE-3

Once upon a time there were six blind men. These blind men had never seen an elephant but they wanted to know what the elephant looked like. So they went near an elephant to find out.

The first blind man fell against the broad side of the elephant. He immediately said, 'The elephant must be like a wall'. The second blind man got hold of the elephant's tusk. He cried out, 'I'm sure the elephant is like a spear'. The third blind man happened to take the elephant's trunk in his hand. He said confidently, 'The elephant is surely like a snake'. The fourth one stretched out his hand and felt the elephant's leg. 'It's clear', he said. 'The elephant is like a tree trunk'. The fifth by chance touched the elephant's ear. 'I am confident elephant's is like a fan. The sixth and the last of the blind man felt tail. 'I tell you', he cried, 'The elephant is like a rope'.

And so these blind men argued and argued. Each one said he was right. But actually all were wrong.

86. Six blind men went near an elephant to find out :  
 (A) What the elephant looked like  
 (B) What was the size of the trunk of the elephant  
 (C) What was the colour of the elephant  
 (D) What the elephant's tail looked like
87. To the first blind man the elephant looked like :  
 (A) A pear (B) A tree trunk  
 (C) A wall (D) A fan
88. The third blind man said, 'The elephant is like a snake'. He said so because he had touched the elephant's :  
 (A) Leg (B) Ear  
 (C) Tusk (D) Trunk
89. All the six blind men were wrong to say how the elephant looked like because :  
 (A) Each one of them had touched only one part of the elephant  
 (B) Each one of them said without confidence  
 (C) They argued on their views again and again  
 (D) They had decided to appose each other
90. The fifth, by chance touched the elephant's ears. Here 'by chance' mean :  
 (A) Purposely (B) Accidentally  
 (C) On being asked (D) Matter of choice

**Directions :** (Q. 91 to 92) Each of the following questions consists of four phrases/words (A), (B), (C), (D). Choose one phrase/word to complete the sentence given on the top.

91. I begged :  
 (A) a favour of him (B) of his a favour  
 (C) of him a favour (D) from him a favour
92. Please excuse me :  
 (A) for giving you this trouble  
 (B) for trouble I give you  
 (C) for troubling you  
 (D) to give you the trouble

**Directions :** (Q. 93 to 94) Each of the following question consists of four sentences 1, 2, 3 and 4. These four sentences are to be put in an order to make a meaningful passage. Select the correct order from the given four choices (A), (B), (C) and (D).

93. 1. Shoe polishing is also an art.  
 2. We should apply less amount of polish gently on the shoes.  
 3. We should clean the shoes with a brush.  
 4. We should open the shoe laces first.  
 (A) 1324 (B) 1342  
 (C) 1243 (D) 1432
94. 1. Jogging is good for heart.  
 2. Yoga exercises are good for health.  
 3. Some diseases can be cured by Yoga exercises and jogging.  
 4. Old persons suffering from heart diseases should do jogging.



(A) 1342

(B) 2314

(C) 1234

(D) 3124

**Directions :** (Q. 95 to 97) Each of the following questions consists of a sentence in which four words/phrases are given as (A), (B), (C) and (D). Identify the incorrect word/phrase.

95. The Rajesh Khanna is a famous actor :

A B C D

96. Did Sumit helped you :

A B C D

97. Manish play Hockey everyday :

A B C D

**Directions :** (Q. 98 to 100) Fill in the blanks with suitable words selecting the right words from the given four choices (A), (B), (C) and (D).

98. My sister likes..... rice with curd :

(A) to eat (B) to drink  
(C) was eating (D) has eaten

99. I have.....pet dog :

(A) a (B) two  
(C) three (D) none

100. Meena has ..... to purchase flowers from the market:

(A) went (B) go  
(C) gone (D) goes