

# MAHAEXAM<sup>®</sup>

**PRE UPPER PRIMARY SCHOLARSHIP MOCK EXAMINATION - 2018**

**Medium : English**

**Subject : First Language & Mathematics**

**Date : 28/01/2018 Time : 1.30 Hr. Std. : 5th Total Marks : 150**

***Instructions :***

- (1) This question paper will be of 75 questions carrying 2 marks each.
- (2) All questions are compulsory.
- (3) Each question will have Four alternatives. ①②③④
- (4) The answer sheet provided separately along with the question paper will have 4 circles ①②③④. Darken the correct alternative circle completely either with black or blue ink ballpen.  
For example, if the answer for a question is 2, the circle having 2 should be completely made black or blue like this ①●③④
- (5) Any of the answer coloured or marked as follows will get zero mark.  
① ② ③ ④
- (6) Answers marked in pencil will not be considered.
- (7) Answer once given cannot be changed.
- (8) Answers marked in more than one circle will not be considered.
- (9) Time limit of the examination is fixed. So if you do not know the answer to any of the questions, go to the next one. If time remains after attempting the final question attempt the questions left out.

**Subject : First Language & Mathematics**

**\* MODEL ANSWER \***

**Question Paper****PART - I : FIRST LANGUAGE**

---

Q.1 2) glorious

Q.2 2) reunite

Q.3 1) in

Q.4 3) dearest to someone.

Q.5 4) a

Q.6 3) upward down umbrella

Q.7 4) what

Q.8 4) can

Q.9 1) How

Q.10 1) steep

Q.11 3) deep, dense

Q.12 4) 4

Q.13 3) 1 cup

Q.14 3) vanilla essence

Q.15 2) The poor tortoise fell on the ground and died.

- Q.16 3) Foolish Tortoise
- Q.17 4) sweet lime pickle
- Q.18 2) where quality is tradition
- Q.19 3) selected ingredients
- Q.20 1) best before 1 year from manufacture.
- Q.21 3) birthday
- Q.22 2) by making a cake
- Q.23 4) to understand
- Q.24 3) Thanks for asking, I'm fine, how are you ?
- Q.25 2) 79-seventy ninth



Q.34 2) 600 bags

**Solution :**

$$\begin{array}{r}
 \text{Total bags} \quad 1\ 5\ 9\ 5 \\
 \text{distributed} \quad -\ \underline{9\ 9\ 5} \\
 \text{left} \quad \quad \quad 6\ 0\ 0
 \end{array}$$

Q.35 3) 33,404,340

**Solution :**

$$\begin{array}{r}
 1\ 3\ 5\ 7\ 9\ 0 \\
 \times \quad \underline{2\ 4\ 6} \\
 8\ 1\ 4\ 7\ 4\ 0 \\
 5\ 4\ 3\ 1\ 6\ 0\oplus \\
 \underline{2\ 7\ 1\ 5\ 8\ 0\oplus\oplus} \\
 33,404,340
 \end{array}$$

Q.36 1) 2, 3, 6

**Solution :**

$$\begin{array}{l}
 18 = 2 \times 3 \\
 \quad \quad 3 \times 6 \\
 \quad \quad 6 \times 3
 \end{array}$$

$$\begin{array}{l}
 30 = 2 \times 15 \\
 \quad \quad 3 \times 10 \\
 \quad \quad 6 \times 5
 \end{array}$$

2, 3, 6 are divisors of 18 and 30 both

Q.37 3) 9 chocolates

**Solution :**

$$\begin{array}{r}
 9 \\
 52 \overline{) 468} \\
 \underline{- 468} \\
 000
 \end{array}$$

Q.38 3) 497

**Solution :**

using BODMAS

$$\begin{array}{ll}
 35 \times 15 + 27 - (13 \div 13) - & \text{Division (1)} \\
 = (35 \times 15) + 27 - 1 - & \text{Multiply (2)} \\
 = (525 + 27) - 1 - & \text{Add (3)} \\
 = 498 - 1 - & \text{Subtract (4)} \\
 = 497
 \end{array}$$

Q.39 1) 14

**Solution :**

$$\begin{array}{r} 2 \quad 144 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \quad 72 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \quad 36 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \quad 18 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \quad 9 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \quad 3 \\ \hline \end{array}$$

1

$$2 + 2 + 2 + 2 + 3 + 3 = 14$$

Q.40 3) a = 4, b = 2, c = 4, d = 3

**Solution :**

$$\begin{array}{r} 5 \quad \boxed{4} \quad 2 \quad \boxed{2} \\ + \boxed{4} \quad 3 \quad \boxed{3} \quad 7 \\ \hline 9 \quad 7 \quad 5 \quad 9 \end{array}$$

$$\therefore a = 4$$

$$b = 2$$

$$c = 4$$

$$d = 3$$

Q.41 4)  $2\frac{3}{10}$ **Solution :**

$$\frac{23}{10} = \frac{10 \times 2 + 3}{10}$$

$$= 2\frac{3}{10}$$

Q.42 2) 3, 2

**Solution :**

$$\frac{3}{10} + \frac{2}{10} = \frac{5}{10}$$

$$= \frac{1}{2}$$

$\therefore$  3, 2 should occur in boxes.

Q.43 3)  $\frac{3}{8}$ **Solution :**

out of 8 parts 3 are shaded

$\therefore$  fraction is  $\frac{3}{8}$

Q.44 2) 42

**Solution :**

$$\frac{3 \times ?}{7 \times ?} = \frac{3 \times 6}{7 \times 6} = \frac{18}{42}$$

Equivalent fraction

$$\therefore \frac{3}{7} = \frac{18}{42}$$

Q.45 1) 850 cm

**Solution :**

$$1\text{m} = 100\text{ cm}$$

$$\therefore 8\text{m} = 800\text{ cm}$$

$$0.5\text{ m} = 50\text{ cm}$$

$$\begin{aligned}\therefore 8.5\text{ m} &= 800 + 50 \\ &= 850\text{ cm}\end{aligned}$$

Q.46 2) 9.50 rupees.

**Solution :**

$$100\text{ paise} = 1\text{ rupee}$$

$$250\text{ paise} = 2.5\text{ rupee}$$

$$7.0\text{ rupee}$$

$$+ \underline{2.5\text{ rupee}}$$

$$9.50\text{ rupee}$$

Q.47 1) 6

**Solution :**

6 angles are made by following figure.

Q.48 3) 13

**Solution :**

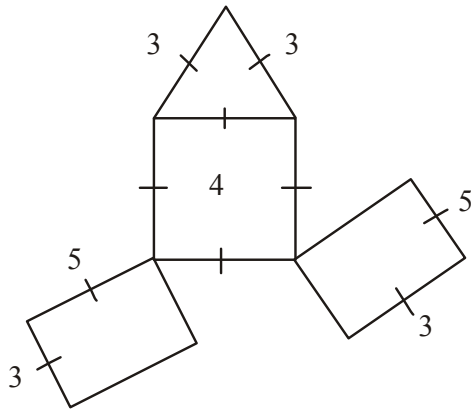
$$\text{small rectangles} = 8$$

$$\text{Big rectangles} = 5$$

$$\text{Total} = 13\text{ rectangles}$$

Q.49 3) 50 cm

Solution :

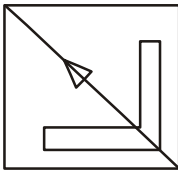


Q.50 2) 4

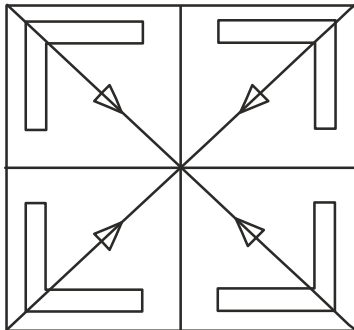
Solution :

Chords - AB, BC, DE and EC intersect each other

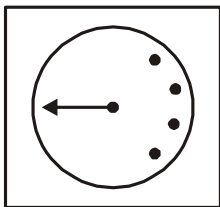
Q.51 4)



Solution :



Q.52 3)



Solution :

Arrow moves clock-wise and no. of dots goes on increasing.



Q.53 1) 25 sq. cm

**Solution :-**

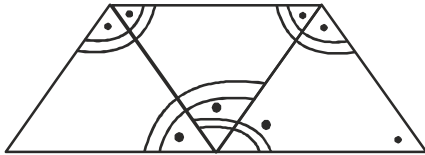
$$\begin{aligned} \text{Area of rectangle} &= (l \times b) \\ &= 10 \times 5 = 50 \text{ sq.cm.} \end{aligned}$$

$$\begin{aligned} \text{Area of square} &= (s)^2 \\ &= (5)^2 = 25 \text{ sq.cm.} \end{aligned}$$

$$\begin{aligned} \therefore \text{Area of shaded region} \\ &= \text{Area of rectangle} - \text{area of square} \\ &= 50 - 25 \\ &= 25 \text{ sq.cm.} \end{aligned}$$

Q.54 2) 13 angles

**Solution :**



13 angles are made.

Q.55 2) d

**Solution :**

a is in front of d.

Q.56 2) 0

**Solution :**

Number of vertices of cube = 8

Number of vertices of cuboid = 8

$\therefore$  Difference = 8 - 8 = 0

Q.57 2) 10

**Solution :**

small squares = 8

big squares = 2

Total = 10

Q.58 3) 7.30 Hours

**Solution :**

count the time from 8.00 am to 3.30 pm i.e. 7.30 hours.

i.e. 7 hours

30 minutes

Q.59 1) Sunday

**Solution :**

$$3$$

$$3 + 7 = 10$$

$$10 + 7 = 17 \quad \left. \vphantom{\begin{matrix} 10 + 7 = 17 \\ 17 + 7 = 24 \end{matrix}} \right\} \text{ Sunday}$$

$$17 + 7 = 24$$

$$24 + 7 = 31$$

$\therefore$  31st December falls on Sunday.

Q.60 4) Rs.11250/-

**Solution :**

$$225$$

$$\times \underline{50}$$

$$11250$$

He earned Rs.11250/- by selling 50 chairs at Rs.225/- each.

Q.61 1) Rs.68075/-

**Solution :**

$$\text{profit} = \text{S. P.} - \text{C. P.}$$

$$= 425575 - 357500$$

$$= 68075$$

He earned profit of Rs.68075/-

Q.62 1) Loss Rs. 50/-

**Solution :**

$$\text{Loss} = \text{C. P.} - \text{S. P.}$$

$$= 1175 - 1125$$

$$= 50$$

Loss of Rs.50/-

Q.63 2) 3.58

**Solution :-**

3.58 is convert tiem. All other shows minutes more than 60.

Q.64 4) 25

**Solution :**

$$50$$

$$\times \underline{0.5}$$

$$250$$

$$+ \underline{00+}$$

$$25.0$$

Q.65 1) 7510 m.

**Solution :**

$$1 \text{ km} = 1000 \text{ metres.}$$

$$7.51 \text{ km} = 7.51 \times 1000$$

$$= 7510 \text{ m}$$

Q.66 3) 36

**Solution :**

$$\frac{4}{7} \times \frac{9}{63} = 4 \times 9$$

$$= 36$$

Q.67 2) 42,175 ml.

**Solution :**

$$1 \text{ lit} = 1000 \text{ ml}$$

$$42 \text{ lit} = 42000 \text{ ml}$$

$$\begin{array}{r} + 175 \text{ ml} \\ \hline 42,175 \text{ ml} \end{array}$$

Q.68 2)  $\frac{96}{13}$ **Solution :-**

$$7\frac{5}{13}$$

$$= \frac{7 \times 13 + 5}{13}$$

$$= \frac{91 + 5}{13}$$

$$= \frac{96}{13}$$

Q.69 2) 7.6 cm.

**Solution :**

$$\text{radius} = \frac{\text{diameter}}{2}$$

$$= \frac{15.20}{2}$$

$$= 7.6 \text{ cm}$$

Q.70 4) Rs.47,700/-

**Solution :**

Medicines -	87290	}	add
Equipments -	<u>150400</u>		
	237690		
Total amount given	- 2,85,390		
	<u>2,37,690</u>		
	0,47,700		

∴ Rs. 47,700 left with hospital.

Q.71 4) 0

**Solution :**

Anything multiplied by zero is always '0'.

So answer is '0'.

Q.72 2) 10, 20

**Solution :**

Let age of sumit be 'x' and Rakesh be 'y'

Sum of ages  $x + y = 30$ Difference of age  $x - y = 10$ 

$$2x = 20$$

$$x = 10$$

$$x + y = 30$$

$$10 + y = 30$$

$$y = 30 - 10$$

$$= 20$$

 $\therefore$  Their ages are 10, 20.

Q.73 2) 394.847

**Solution :**

Using BODMAS

$$(17 \times 12) + (16 \times 12) - (15 \times 12) \div (13 \times 12)$$

$$= 204 + 192 - 180 \div 165$$

$$= 204 + 192 - 1.153$$

$$= 396 - 1.153$$

$$= 394.847$$

Q.74 2) Badminton

**Solution :**

Badminton is played by 20 persons which is the least numbers among all.

Q.75 1) 10 Persons

**Solution :**

Persons playing cricket = 60

Persons playing football = 50

10 persons more play cricket than football