

ATOMIC ENERGY EDUCATION SOCIETY

(2015-16)

Sub: Mathematics

Sample Paper

Class: 3

I. A. Multiple Choice Questions.

Choose the correct answer and write it in the blank.

- 1.) $\frac{1}{2}$ kilogram = _____ grams.
a. 500 b. 1000 c. 250 d. 750
- 2.) 6 times 5 is written as _____.
a. 5×6 b. 6×5 c. $6 + 5$ d. $5 + 6$
- 3.) Three elephants have _____ legs.
a. 12 b. 6 c. 9 d. 15
- 4.) $\frac{3}{4}$ litre = _____ milliliter.
a. 250 b. 750 c. 500 d. 650
- 5.) There are _____ eggs in 2 dozen.
a. 12 b. 18 c. 16 d. 24
- 6.) Four fifty paise = _____ rupees.
a. 1 b. 2 c. 3 d. 4
- 7.) The numbers that end with 2, 4, 6 and 8 are called _____ numbers.
a. odd b. prime c. even d. fractional
- 8.) $100 \div 10 =$ _____.
a. 1 b. 100 c. 10 d. 1000
- 9.) 42 bangles can be distributed equally among 7 girls. Then each girl will get _____ bangles.
a. 6 b. 5 c. 9 d. 7
- 10.) 31A, 33B, 35C, 37D, _____, 41F.
a. 36E b. 40F c. 39E d. 38F

B. Write True or False.

- 1.) 11 is an odd number. ()
- 2.) Even number + 1 = Even number. ()
- 3.) $100 \times 0 = 100$. ()
- 4.) 25 more than 25 rupees is 50 rupees. ()
- 5.) Milk is measured in kilograms. ()
- 6.) An elephant weighs more than 1000 kilograms. ()



C. Match the following.

- 1.) 250 milli litre a) 5 times of 3
- 2.) 976 b) 34 kg
- 3.) $3+3+3+3+3$ c) $\frac{1}{4}$ litre
- 4.) The double of 17 kg d) Even number

D. Fill in the blanks.

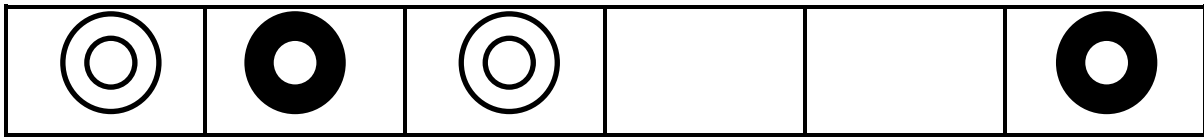
- 1.) 36 oranges are equal to _____ dozen oranges.
- 2.) 21 Z, 23 Y, 25 X, _____, 29V, 31U.
- 3.) If a jug holds 9 glasses of water, _____ glasses of water is needed to fill up 9 such jugs.
- 4.) $111 \times \underline{\hspace{2cm}} = 111$.
- 5.) If the weight of 1 pumpkin is equal to the weight of 6 mangoes, the weight of _____ pumpkins is equal to 30 mangoes.



- 6.) 7  have _____ legs.
- 7.) Six 250 g weights make _____ kg.
- 8.) 50 less than 150 is _____.
- 9.) Three  have _____ corners.
- 10.) There are _____ ten rupee notes in Rs 100.

II. Do as directed.

1.) Complete the pattern:



2.) Write all the odd numbers between 500 and 520.

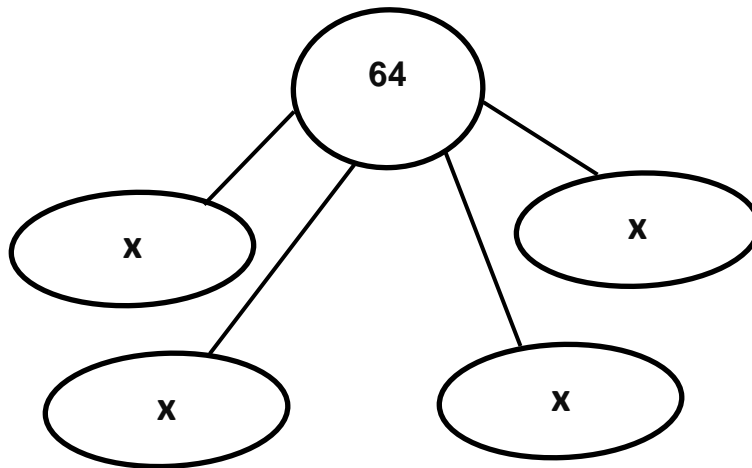
3.) Write the following names in alphabetical order.

Nilson, Ganga, Farid, Ramesh, Pawan

4.) Subtract.

$$\begin{array}{r} 6 \text{ l } 500 \text{ ml} \\ - 4 \text{ l } 300 \text{ ml} \\ \hline \end{array}$$

5.) Complete the multiplying fact.



6.) Which of the following words can be read both forward and backward in the same way?

MOHANAM, RAAGA, VIKATAKAVI, LOCAL

7.) Write the amount of money shown by the notes and coins.



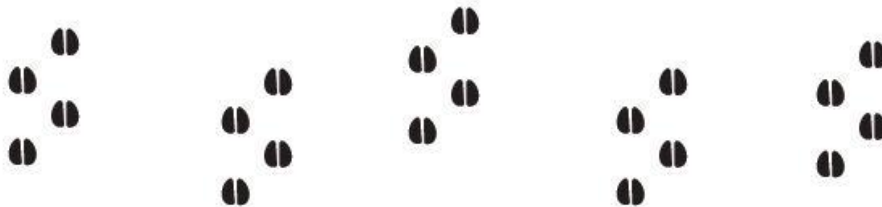
8.) Find the secret message.

9W 9A 9S 9H

9Y 9O 9U 9R

9H 9A 9N 9D 9S

9.) Ganesh had seen 20 footprints of goats on the ground. How many goats were there on the ground?



There were _____ goats on the ground.

10.) Complete the following multiplication.

a) $6 \times \underline{\hspace{2cm}} = 36$

b) $\underline{\hspace{2cm}} \times 6 = 42$

11.) Sannuthi bought a notebook for ₹35.75 and a pen for ₹ 29.00. How much money did she pay altogether?

12.) 24 onions of same size weigh 1 kg.

a) _____ onions weigh 500 g.

b) _____ onions weigh 3 kg.

13.) 54 laddoos were shared among 9 children on Diwali. How many laddoos did each child get?

14.) Multiply: $36 \times 4 = \underline{\hspace{2cm}}$

X		

15.) For which of the following you need a bigger bag?

1 kg peas

1 kg tomatoes

III. Solve.

1.) The shopkeeper of 'A to Z stores' prepared a cash memo for some items bought by Naresh which is given below. Check the cash memo and correct the mistakes.

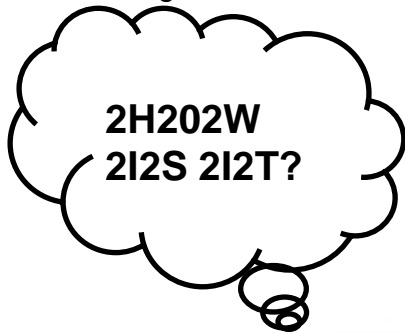
Cash Memo		Date: 5-03-2016	
<i>A to Z general stores</i>			
<i>Mysore</i>			
Item	Cost per item(Rs)	Rupees	Paise
3 pencils	2	9	00
4 caps	25	9 0	00
5 toffees	0.50	3	50
	Total	9 2	50

Make corrections and write in the cash memo given below.

Cash Memo		Date: 5-03-2016	
<i>A to Z general store</i>			
Item	Cost per item(Rs)	Rupees	Paise

3 pencils	2		
4 caps	25		
5 toffees	0.50		
	Total		

2.) What did the boy and the girl say to each other? Find out and write the secret message.



Girl: _____

Boy: _____

3.) Multiply using box method. : $43 \times 16 =$ _____

X		


4.) Ram poured water 18 times with his water bottle to fill a pot. Raheem poured water 9 times with his water bottle to fill the same pot the next day.


a.) Whose water bottle holds more water? _____ (Ram's/ Raheem's)


b.) Ram's bottle can hold _____ (twice/half/thrice) as much as Raheem's bottle.

5.) Kunal wants to arrange 54 flowers in 6 bouquets. He has to arrange _____ flowers in each group.

_____ ÷ _____ = _____

6.)  A frog jumps 2 steps at a time.


 A squirrel jumps 4 steps at a time.

 A rabbit jumps 6 steps at a time.

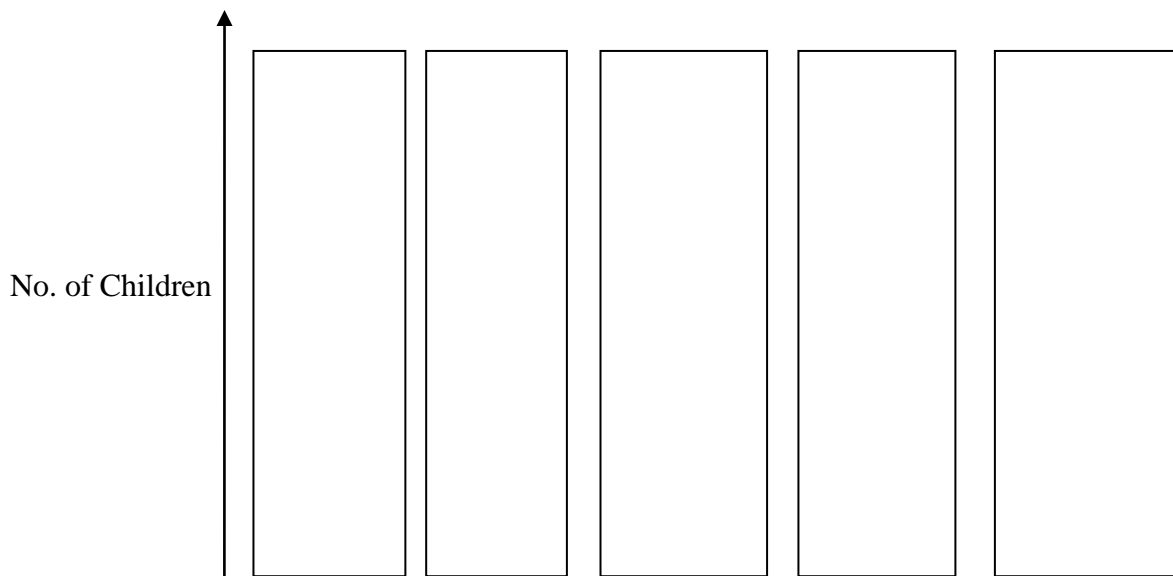
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
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If all of them start from zero, starting with the frog then

- i) the frog will reach 10 in _____ jumps.
- ii) the squirrel will reach 12 in _____ jumps.
- iii) the rabbit will reach _____ in 4 jumps.
- iv) the frog and the squirrel will meet each other at _____.

7.) The favourite colours of some children are given below in the chart. Look at the chart and draw  faces for the following.

Favourite colour	Number of children
Blue	6
Yellow	5
Pink	10
Green	8
Red	16



Distance from Mysore (in km)	Station	Fare (in ₹)
50	Mandya	38
110	Bidadi	56
126	Bangalore	78
450	Chengalpattu	149
486	Chennai	199



8.) Chennai express goes from Mysore to Chennai. On its way it stops at Mandya, Maddur, Bidadi, Bangalore and Chengalpattu. The fare to different stations is given below.

- i) The distance between Mandya and Chengalpattu is _____ km.
- ii) Geetha is travelling from Mysore to Chennai. The cost of her ticket is ₹ _____
- iii) Krishna has to travel from Mandya to Bangalore. The cost of his ticket is ₹ _____
- iv) The distance between Bangalore and Chennai is _____ km.

9.) Number the following names in the alphabetical order in which they will come.

Saturn *Venus* *Mars* *Jupiter*
Neptune *Earth* *Uranus* *Mercury*

10.) Pot B holds 15 glasses of water. Pot A holds thrice as much water as pot B. How many glasses of water are needed to fill pot A?