

ATOMIC ENERGY EDUCATION SOCIETY

TERM –I EXAMINATION (2017-18)

Date of Exam: 16 Sept. 2017

Subject – MATH

Marks – 80

Class – IV

Time - 3 Hours

To be filled by the student

Name of the student: _____

Name of the School: _____

Roll number: _____ Class: _____ Section: _____

Signature of the Invigilator: _____

Signature of the Examiner : _____

Signature of the Checker : _____ Marks Obtained

CONCEPT KNOWLEDGE

20 MARKS

Q.1 Do as directed

(1 X 10 = 10)

I. Write name of the given number

10,411- _____

II. Write in figure

One hundred thousand - _____

III. Make any 2 three digit numbers using 4,5 and 9

IV. Make a biggest three digit number using 0,8,9,1

V. Make smallest four digit number using 4,7,0,3

VI. Write the given numbers in ascending order

9994, 4909, 9499, 9949

VII. Write the given number in expanded form

1,78920 -

VIII. What is the place value of the underlined digit

54721 -

IX. $10,000 + 5000 + 400 + 60 + 2 =$ _____ (write the sum)

X Write the number that comes between 99999 and 100001

Q.2 I. Fill in the blanks

(2 Marks)

a) 1 cm = _____ mm

b) 1L = 750 ml + _____

c) 500gm = _____ kg

d) Half a metre = _____ cm

II. Write the given dates in words (2 Marks)

a) 12/07/08 - _____

b) 04/10/10 - _____

III. Write the following dates in figure (2 Marks)

a) 3rd December 2010 - _____

b) 19th February 2001 - _____

IV. Covert into metre (2 Marks)

a) 3 $\frac{1}{2}$ km - _____

b) 5 km - _____

V. Tick '✓' in the box for the pair of the numbers add to make more than 500

(2 Marks)

1) 159 and 241 ☐

2) 321 and 102 ☐

2) 400 and 381 ☐

4) 401 and 190 ☐

UNDERSTANDING BASIC CONCEPT

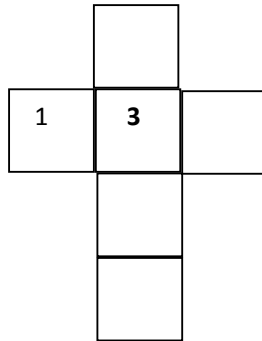
(20 MARKS)

Q.3 Do as directed

(1 x 6 = 6)

I. Write any two numbers which can be divided by 2, 3, and 5 and comes between 15 and 45.

II. Write the correct numbers in the figure of a dice.



III. Draw a line segment of 2.5 cm and name it line PQ

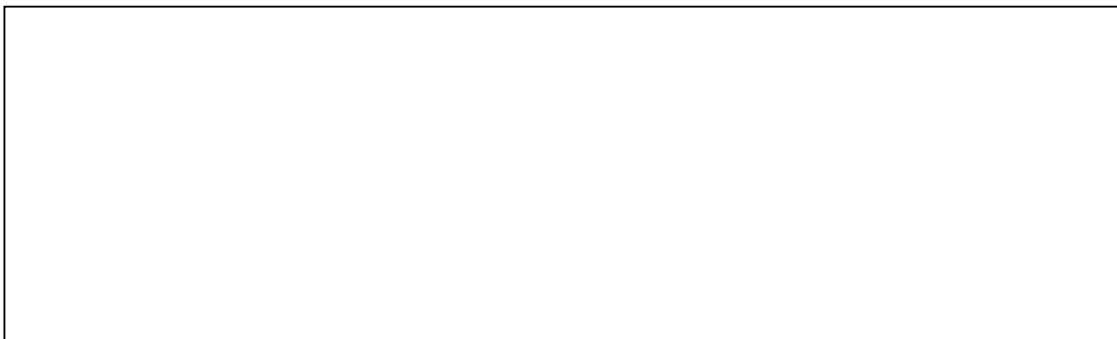
IV. Complete the sentence.

The line segment that passes through the centre and also joints two points on the circle is called _____

V. Make a drawing of a box showing 3 of its face.



VI. Draw a strong wall pattern



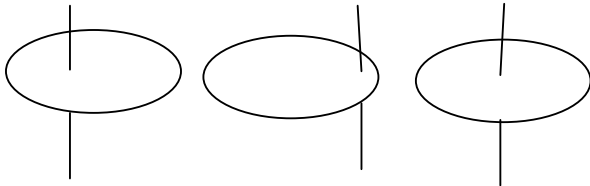
Q.4 I. Complete the table

(2 MARKS)

OBJECTS	FACES	VERTICES
SQUARE		
BRICK		

II. Observe the picture and answer

(2 MARKS)



Peelu

Kalu

Lalu

i) Whose top spin the best? _____

ii) Whose top will not spin at all ? _____

III. Complete the table

(2 MARKS)

Time	12 hour clock	24 hour clock
1 o'clock in the afternoon		
12'clock at mid night		

IV .Write the appropriate unit in the table

(2 MARKS)

ITEMS	WEIGHT	UNIT(m, L, gm, kg)
RICE	3	
MILK	2	
SAREE	6	
CHILLY	10	

V. See the clock and write the time

(2 MARKS)



Q.5. Draw a circle of 2cm

(4 MARKS)

- 1) Mark its centre and name it 'O'
- 2) Draw a diameter and name it MN and draw a radius and name it OP



ABILITY TO COMPUTE

(20 MARKS)

Q.6 Read the problem and solve

(1 x 6 = 6 MARKS)

- 1) A woman gives 5ml medicine to her child when he gets fever. He got fever 6 times. How much medicine did she give to her child?



- 2) A child has 1L water bottle. He drank 500 ml water and his brother drank 250 ml water. How much water is left in the bottle?



3) An ant climbs 3 cm in a minute. It slips down 1 cm every time. How much time will it take to climb 4cm?

--

4) Bobby jumped 2 m 45 cm in the high jump competition. How many cm more does he need to reach 3 m?

--

5) The boundary of a park is 250m. If a person takes two rounds of the park every day how many kilometres does he cover in a week?

--

6) Ramu charges Rs.5 for a cup of a tea. If he sells 110 cups of tea in a day, how much money does he collect in a day?

--

Q.7 Solve the problems

(2 x 5 = 10 mks)

1) There were 32 children in Mannu's class. He distributed an apple, 2 bananas and 3 chocolates to each child. All children got apples and oranges but 3 children did not get bananas. How many chocolates and oranges did she distribute?

2) There are 250 students in all in all sections of class -4. Amongst them 50 students are not going to the excursion. If each mini bus can take 25 students at a time how many mini buses are needed?

3) Observe the packet of a biscuit and answer the questions

BISCUIT PACKET

Mfg date:08/05

Best before 6 months

i)Would it be safe to eat the biscuits in February'06 ? _____

ii) What is its expiry date ? _____

4) Observe the table. Arrange the activities in order according to the date and write again

1	5 th January'06	She stood up
2	15 th April'05	Muniya was born
3	15 th October'05	She started crawling
4	10 th December'05	She sat up
5	5 th October'05	She got her first tooth
6	20 th December'6	She started walking

1	15 th April'05	Muniya was born
2		
3		
4		
5		
6	5 th January'06	She stood up

5) $68 \times 13 =$ _____ (solve)

Q.8 I. How long will it take the minute hand to move from _____ (1X2=2)

a)



to



b)



to

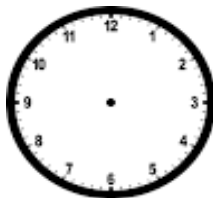


II. Draw where the hands will be

(1X2 =2)



20 minutes after 6'oclock



15 minutes after 3'oclock

PROBLEM SOLVING ABILITY

(20 MARKS)

Q.9 I. Fill in the blanks and say how much it is?

(4 MARKS)

a) 6 notes of

Rs. 100

 = _____

b) 3 notes of

Rs. 50

 = _____

c) 7 notes of

--

 = Rs. 140

d) 5 notes of

--

 = Rs. 50

II. Sangita buys 1 kg plastic for Rs.20. She sells it for Rs.25. (2 MARKS)

a)How much money does she earn by selling 1kg plastic? _____

b) How much money does she earn by selling 21kg plastic? _____

Q.10 Solve the following

(2 x 5 = 10 MARKS)

- 1) Ramesh's mother prepared 1 L kheer on his birthday. She distributed kheer equally to Ramesh and his nine friends. How much kheer did each child get?

--

- 2) Sharmila bought 1 kg plastic for Rs.20 but she sold 1 kg plastic for Rs.32.

How much money did she earn by selling 6 kg plastics?

- 3) Raju bought 500 old bricks and 1500 new bricks. If the cost of the 1000 old bricks – Rs. 600 and the cost of 1000 new bricks is Rs. 1000. How much did he pay?

- 4) The cost of a trip in a motor boat is Rs. 40. A group of children went for the trip. They paid Rs. 480 in all. How many children took the trip?

- 5) Each bus takes about 10 min to refill. There were 5 buses to refill. Each bus took 2 minutes extra to refill. How many hours did they take in all to refill?

Q.11 Annu's rate list per kilogram

(4 MARKS)

	Items	Rate list
1	Iron	Rs. 84
2	Brass	Rs. 25
3	Waste Paper	Rs. 2.50

Observe the table and find out the cost of the given items.

1) 16 kg iron

2) 10 kg waste paper