

Atomic Energy Education Society

Half-Yearly Examination – 2018-19

Class: IV

Date of Exam: 26-09-2018

Duration : 3 Hrs

Subject : Mathematics

Marks : 80

Student's Name: _____

Roll No. _____ Class/Sec: _____

Invigilator's Sign: _____ Examiner's sign : _____

Checker's Sign : _____ Marks Obtained : _____

General Instructions:

This paper consists of the following Sections:

Section-A (20 Marks)

Section-B (20 Marks)

Section-C (20 Marks)

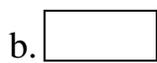
Section-D (20 Marks)

All are compulsory.

Section A (20 Marks)

I. Choose the correct option. (6 x1= 6)

1. Which of this is a face of a brick? ()



2. The Qutub Minar is 72__ high. ()

a. Millimetre

b. Kilometre

c. metre

3. There are three old cave paintings. Choose the oldest one. ()

a. 5400 years old

b. 1000 years old

c. 150 years old

4. The time shown by the clock is ()



a. 7:02

b. 2:35

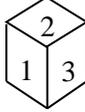
c. 7:10

5. In a 12-hour clock, each time comes _____ ()

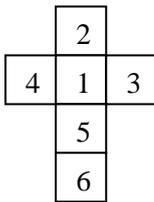
a. once

b. Twice

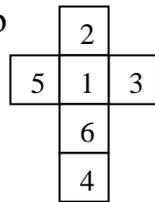
c. thrice

6. What will the  box look like in the open form. ()

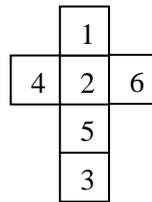
a.



b.



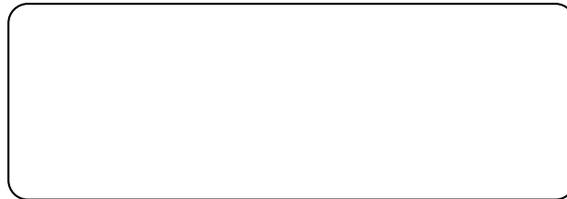
c.



II. Answer the following questions as directed.

(5×2=10)

A. i) Draw the shape of a brick showing three of its faces.



ii) A brick has _____ faces in all.

B. Draw the following in the box given,

i) Front view of railway track.



ii) Side view of a shoe.



C. Fill in the gaps.

a) One hundred thousand in figures (numeral): _____

b) In 1500 metres race people run _____ Km

D. Write the time.

a) By 24-hour clock , 2 O'clock in the afternoon: _____

b) By 12-hour clock , 17:30 hours: _____

E. Name two places where 24 hour clock is used

a) _____ b) _____

III. Solve the following.

(2×2=4)

a. Arnav had one litre water bottle. He drank 150 ml of water. His friend Khushi drank 300ml of water. How much water was left in the bottle?

b. Fill in the gaps

i. **1 0 0** ml + _____ ml + _____ ml = 1 Litre

ii. **4 5 0** ml + _____ ml + _____ ml = 1 Litre

Section – B (20 Marks)

I. Choose the correct option and fill the gaps.

(6×1=6)

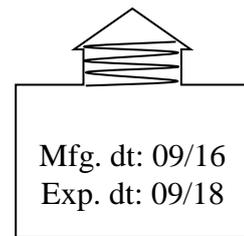
1. The shape of a brick is _____ (cube, cuboid, cylinder).
2. Two times _____ ml is equal to 1 Litre. (500, 250, 1000).
3. The distance 7 m 52 cm is nearly equal to _____
(7 metres, 7 and half metres, 8 metres).
4. 1 Litre has _____ ml in it. (1000, 100, 500).

5. The shape  shown here is the top view of _____
(a funnel , an egg).

6. Observe the medicine bottle,

Would it be safe to take the medicine in
the month of November 2018? (Yes or No)

Ans. _____

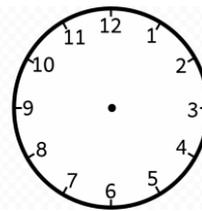


II. Do as directed

(5×2=10)

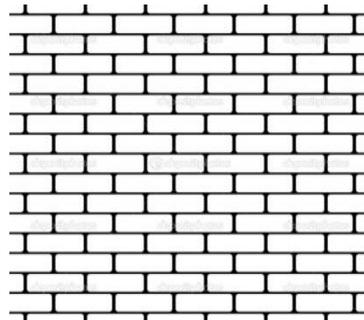
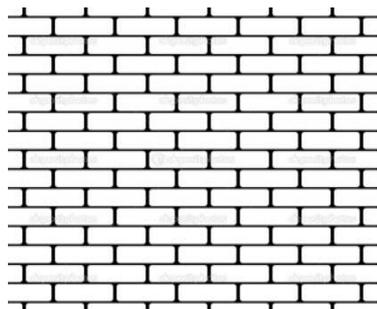
1. Draw the hands to show the given time & write the time in the box.

20 minutes after 6 O'clock:



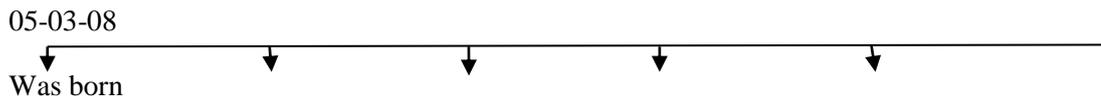
2. In the given wall pattern below,

- i) Draw a Jaali Pattern and shade. ii) Draw a Jharoka pattern and shade.



3. Mark the dates in correct order in the given **TimeLine**.

5 September 2008	She ate banana
5 March 2008	Muniya was born
2 February 2009	She started walking
15 September 2008	She got her first tooth
10 November 2008	She sat up

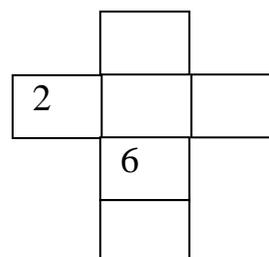


4. Suma and Prema are sisters. Suma goes to Virpur which is 220 km from their house and Prema goes to Jayanagar which is 190 km far from their house in the opposite direction. How far are the sisters from each other?



Ans : _____

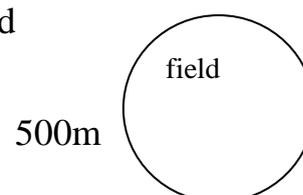
5. Fill in the box with correct number.



III. Solve the following:

(2×2=4)

i) How many rounds must Devi Prasad run around the field to complete 3km?



ii) One day he got tired after running 9 rounds.

So, the distance ran by him was _____ Km and _____ m.

Section- C (20 Marks)

I. Fill in the gaps.

(4×1=4)

1) $10000 + 5000 + 200 + 70 + 3 =$ _____ (write the numeral)

2) 50 times 100 is equal to _____.

3) A bus takes 15 minutes to refill its diesel tank. Two buses will take about _____ minutes.

4) There are 5 sections in class **IV** with following number of students:

41, 38, 32, 34, 30

The total number of students is _____.

II. Solve the following:

(6×2=12)

1. Find the sum of 4m97cm and 15m5cm?

2. I gave 5 toffees each to five of my friends and 4 toffees were left with me. How many toffees did I have?

3. The ticket-price of Double-decker boat is Rs. 50 for each. One group of children went for the Double-decker trip. They paid Rs.450 in total. How many children went for the trip?

4. Multiply using box method 56×34

Ans: _____

5. Find the total value?

2 notes of



8 coins of



4 notes of



Total Value : _____

6. Make four 3-digit numbers using numbers 5, 2 and 9.

_____, _____, _____, _____

III. Solve

(2×2=4)

During festivals the cost of some products increases. Here is a list of food items during ordinary days and festival days.

<u>Product</u>	<u>Price on an ordinary day</u>	<u>Price on a festival</u>
Sugar	Rs.45 per kg	Rs.52 per kg
Dal	Rs.90 per kg	Rs.100 per kg
Jaggery	Rs.150 per kg	Rs.180 per kg

a) Jagan bought 25kg sugar on an ordinary day and sold all of it on a festival day. How much did he earn?

b) Kavya bought half a kg jaggery on a festival day. If she had bought the same on an ordinary day, **how much less money** would she have paid?

Section D (20 Marks)

I. Choose the correct options:

(4×1=4)

1. _____ times 100mL makes one Litre. (100 / 10)
2. 180 days after 20/01/17 will be _____ (June 2017 / July 2017)
3. Which pair adds to make more than 500? _____ (401 and 99 / 361 and 152)
4. _____ weeks make 21 days. (4/3).

II. Find the answer for the following:

(6×2=12)

1. A brick is 20 cm long. Muniya wants to make a wall of 1 metre long. How many bricks will she need to put in a line?

2. Naresh has to take 3 injections a day for 4 days. Each injection takes 5ml medicine. How much medicine will he take in all four days?

3. The cost of 1000 bricks is Rs 1400. Find the cost of 500 bricks.

4. How long will it take for a minute hand to move from?



to



_____ minutes



to



_____ minutes

5. Kiran bought 1 kg plastic for Rs.14 and sold it for Rs.20.How much does she earn on selling 23 kg plastic ?

6. Sohanlal runs a tea shop. For making a glass of tea he uses 25 ml of milk. One day he made 50 glasses of tea.

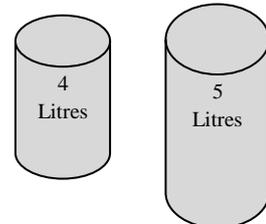
(i) He used _____ ml of milk.

(ii) It is _____ (more /less) than 1 litre of milk by _____ ml.

III.Find the solution.

(2×2=4)

i) How will you measure exactly 3 Litres of milk using 5L and 4L jars only ?



ii) 125 children attended the party. Each child got 2 chocolates and 1 banana. 17 children did not take bananas. How many chocolates and bananas were distributed?

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