

HALF YEARLY EXAMINATION - 2019-20
CLASS - IV

SUBJECT : MATEMATICS *With Answer*

Time : 2:30 Hrs.

M.M. 80

Name.....Class & Sec.....Roll No.....

Date.....Sign. of Invigilator.....Sign. of Examiner.....

MARKS SHEET

Competencies	Concept (40)		Ability to compute	Problem Solving Ability	Total
	Knowledge	Understanding			
Allotted Marks	20	20	20	20	80
Marks Obtained					

CONCEPT (Knowledge)

VSA :

(8x1 = 8)

Q.1 A brick has⁶..... faces.

Q.2 There are⁷..... days in a week.

Q.3 $2000 + 0 =$ 2000

Q.4 There are¹⁰⁰..... years in a century.

Q.5 The product of 45×0 is 0

Q.6 3 Litres =³⁰⁰⁰..... millilitres. (mL)

Q.7 ~~Is~~ your game period ^{is} more than 1 hour. Put a tick (✓) mark.

[True / False]

Q.8 All wheels of a tractor or a road roller are of the same radius.

Put a tick (✓) mark .

[True / False]

(P.T.O.)

S.A.

(4x2 = 8)

Q.9 Match the correct pairs :-

['A']

['B']

- (a) The distance between 2 cities. ~~cm~~
- (b) The length of your pencil. ~~km~~
- (c) Amount of medicine in an injection. ~~L~~
- (d) Amount of water in a bucket. ~~mL~~

Q.10 Fill in the blanks :

- (i) 1 Rupee =¹⁰⁰..... paise.
- (ii) 400 paise =⁴..... rupees.

Hints – rectangle / square

- Q.11 (i) The face of a dice is^{square}..... in shape.
- (ii) The face of a brick is^{rectangle}..... in shape.

Q.12 Write here using am and pm :-

- (i) Time of sun rise = 5 : 00^{am}.....
- (ii) Time of sun set = 7 : 00^{pm}.....

L.A. (4x1 = 4)

Q.13 Fill in the blanks :-

Sports	World Record	Indian Record
High Jump (Men)	Javier (2m 45cm)	Chandra Pal (2m 17cm)
High Jump (Women)	Steffi (2m 9cm)	Bobby (1m 91cm)

(a) Name the person whose high jump is very close to two and half metres.

Ans. *Javier*

(b) Name the person whose high jump is the lowest.

Ans. *Bobby*

(c) 2 m 9 cm cm (put a tick (✓) mark)

(i) 209 cm (ii) 2009 cm

(d) The person whose high jump record is 2 m 17 cm, is

(i) Bobby (ii) Chandra Pal

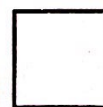
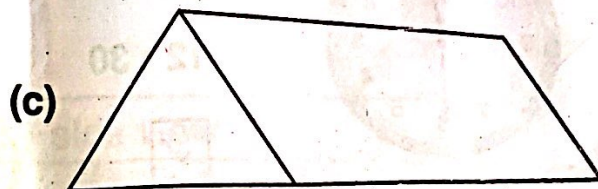
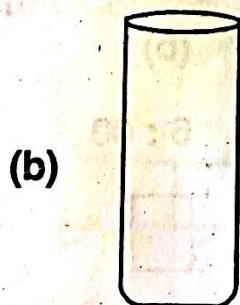
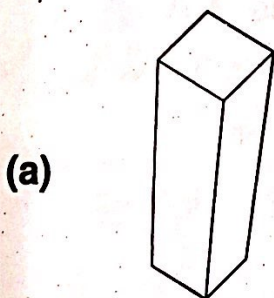
UNDERSTANDING

V.S.A.

(6x1= 6)

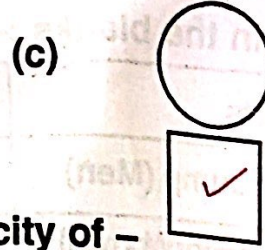
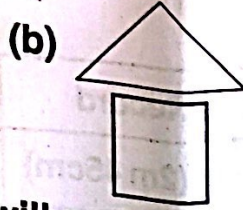
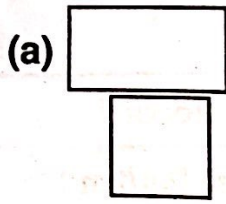
Put a tick (✓) mark against the right answer :-

Q.14 Which is the correct drawing of a brick ?



(P.T.O.)

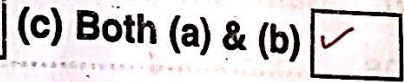
Q.15 Which of the following figures is a circle ?



Q.16 Two times 500 mL will make a capacity of -



Q.17 The _____ can be used to draw a circle is -



Q.18 The place value of digit 4 in 7432 is -



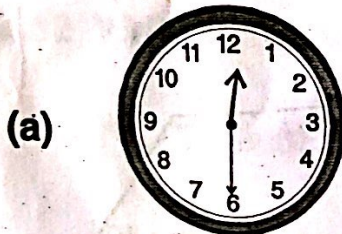
Q.19 Look at the picture of funnel and put the correct tick (✓) of its view :



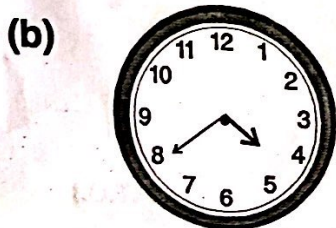
S.A.

(5x2 = 10)

Q.20 Read time from these clocks and put a tick (✓) :-



(a) 12 : 30



8 : 20



(b) 6 : 00

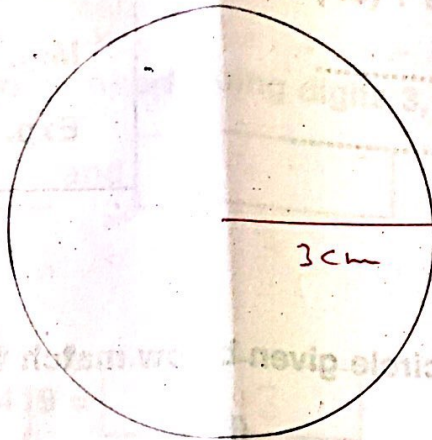


4 : 40



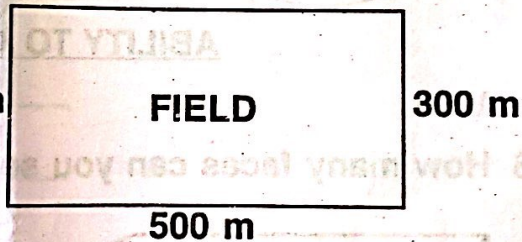
(5)

Q.21 Draw a circle of radius 3 cm using compass :-



Q.22 Find the total length around the field (boundary) :-

Ans. 500 m
..... 300 m
..... 500 m
..... + 300 m
..... 1600 m



Q.23 Draw the different views of -
when look from -

A Pressure Cooker

Or

A shoe

(a) Top view	(b) side view

(P.T.O.)

Q.24 What month and year is written as 07 / 19 ? (of packet)

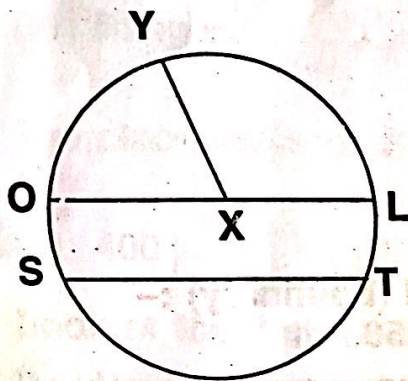
Month July
Year 2019

Butter
Mfg. date 01/18
Exp. date 07/19

L.A.

(1x4 = 4)

Q.25 With the help of circle given below match the correct pair :



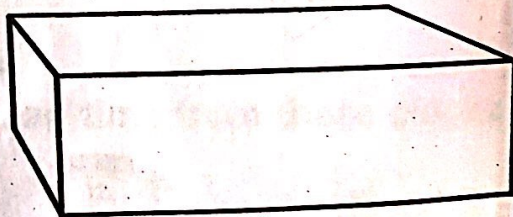
- | | |
|--------------|------|
| (i) | (ii) |
| (a) Radius | OL |
| (b) Diameter | XY |
| (c) Centre | ST |
| (d) Chord | X |

ABILITY TO COMPUTE

VSA

(6x1 = 6)

Q.26 How many faces can you see in the given picture -



Ans. 3 faces

Q.27 $25 \times 100 =$ 2500

Q.28 $25 \div 5 =$ 5

Q.29 $200 - 0 =$ 200

Q.30 In a 1500 metre race people run km and metres.

Q.31 Make any two numbers using digits 3, 5 and 7 :-

Ans. and

S.A.

(5x2 = 10)

Q.32 Add -

1284 + 1419 =

$$\begin{array}{r}
 1284 \\
 + 1419 \\
 \hline
 2703
 \end{array}$$

Q.33 Find the product of 164 x 6

$$\begin{array}{r}
 164 \\
 \times 6 \\
 \hline
 984
 \end{array}$$

Q.34 Calculate the denominations and find the total amount :-

Three 100 rupee notes = Rs.

Two 50 rupee notes = Rs.

Five 10 rupee notes = Rs.

Total : =

(P.T.O.)

Q.35 Fill in the blanks :

Radius	Diameter
5 cm	10 cm
6 cm	12 cm

Q.36 Subtract :-

$$\begin{array}{r} 868 \\ - 449 \\ \hline 419 \end{array}$$

L.A.

$$= 868 + 182 (4 \times 1 = 4)$$

Q.37 Look at the table and solve the questions given below :-

Name of the Boat	Ticket-price	Trip time
1. Double - Decar	Rs. 30	45 minutes
2. Paddle - boat	Rs. 15	30 minutes
3. Motor- boat	Rs. 25	20 minutes
4. Oar-boat	Rs. 15	45 minutes

Put the correct (✓) Mark -

(a) Total ticket price for motor-boat for 2 persons will be -

(i) Rs. 50 [✓] (ii) Rs. 60 [] (iii) Rs. 30 []

(b) Total trip time for double decar and paddle-boat will be -

(i) 75 minutes [✓] (ii) 50 minutes [] (iii) 65 minutes []

Bhanu first went in the motor- boat and then took the oar-boat.

(c) How much did he pay for both the boat ?

Ans. Rs. 40 (Total ticket price)

(d) How much time did he get for both rides ?

Ans. 65 minutes (Total trip time)

PROBLEM SOLVING ABILITY

V.S.A.

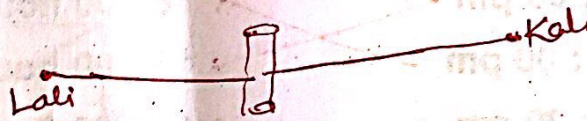
(1x6 = 6)

Q.38 Half of 800 ml will be 400 mL.

Q.39 15 May 2018 stands for the date..... 15/5/18

Q.40 Lali and Kali are tied to a pole with ropes. Kali has a longer rope. Who can look for more grass to eat ?

Ans. Kali can look for more grass to eat.
(due to more radius)



Q.41 400 mL + 400 mL + 200 mL = 1000 mL

Q.42 A person earns Rs. 10 is a day, how much will be earn in 10 days ?

Ans. 10 x 10 = 100

Q.43 Ram is 200 cm tall. Shyam's height is just half of Ram's height. Shyam's height will be - (Put a tick(✓))

(a) 100 cm [✓] (b) 150 cm []

(P.T.O.)

S.A.

(5x2 = 10)

Q.44 The cost of 1000 brick is Rs. 2000. What will be the cost of 3000 bricks ?

Ans. The cost of 1000 bricks = Rs. 2000
 So The cost of 3000 bricks = 3 times Rs 2000
 = 2000×3
 = Rs. 6000

Q.45 Which pair of numbers add to make more than 500 ? Put a tick (✓) mark :-

(a) 321 and 192 [✓] (b) 401 and 91 []

Q.46 Match the columns -

<u>12 hour clock</u>	<u>24 hour clock</u>
(a) 3 : 00 pm	18 : 00 hours
(b) 6 : 00 pm	15 : 00 hours
(c) 9 : 30 pm	20 : 30 hours
(d) 8 : 30 pm	21 : 30 hours

Q.47 A milkman has 2 pots of measuring milk 5 L and 3 L only. Geeta has to take 4 L milk from him. Milkman gave her 4 L milk using both pots. Explain how did he do this ?

Ans. Milkman will take 5 L milk one time
 then take 3 L from this pot
 Now the pot has 2 L milk.
 He will repeat the above steps.
 again we get 2 L milk more
 to
Total milk = 2 L + 2 L = 4 L

Q.48 Convert 4m 25 cm into cm :-

Ans.

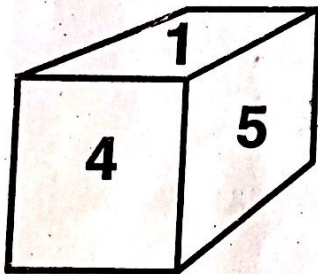
$$\begin{array}{r}
 4\text{m} = 400\text{ cm} \\
 + \quad 25\text{ cm} \\
 \hline
 425\text{ cm}
 \end{array}$$

L.A.

(4x1 = 4)

Q.49 Look at the dice (picture) given below and answer the following questions :

The numbers on the opposite faces of the dice add up to 7.



(a) Which number is written on Top face.

Ans. 1

(b) Which number will be back side of number 4. (opposite face)

Ans. 3 $(7 - 4 = 3)$

(c) Which number will be at the bottom face.

Ans. 6 $(7 - 1 = 6)$

(d) What will this box (dice) look like if you opened it up ? Mark (✓) the correct picture.

