

# HALF YEARLY EXAMINATION, 2017-18

## MATHEMATICS

Time : 3 hrs.

Class - IV

M.M. : 80

Date – 13.09.2017 (Wednesday)

Name of the student \_\_\_\_\_ Section \_\_\_\_\_

### General Instructions –

- This question paper comprises 4 sections A , B , C and D.
- You have to attempt all the sections.
- All the questions are **compulsory** in **Section A**.

### SECTION-A

Choose the correct option.

(20×1=20)

- A.1** A cube has \_\_\_\_\_ number of faces.  
a) 6                      b) 8                      c) 12                      d) 10
- A.2** Cost of 20 soap cases is Rs. 200, so the cost of 1 soap case is Rs. \_\_\_\_\_.  
a) 20                      b) 25                      c) 10                      d) 15
- A.3** 1 hour = 60 minutes, so 5 hours = \_\_\_\_\_ minutes.  
a) 500                      b) 600                      c) 300                      d) 400
- A.4** A tricycle has 3 wheels, 8 tricycles will have \_\_\_\_\_ wheels.  
a) 28                      b) 26                      c) 30                      d) 24
- A.5** Length of a ten-rupee note is measured in \_\_\_\_\_.  
a) cm                      b) m                      c) km                      d) mm
- A.6** A dice has \_\_\_\_\_ number of corners.  
a) 12                      b) 8                      c) 6                      d) 10
- A.7** The cost of one pen is Rs. 7, so the cost of 2 dozen pens will be Rs. \_\_\_\_\_.  
a) 168                      b) 60                      c) 72                      d) 96
- A.8** There are 10 years in a decade and \_\_\_\_\_ years in a century.  
a) 200                      b) 300                      c) 100                      d) 600

- A.9** 100 more than 2896 is \_\_\_\_\_.
- a) 2900                  b) 2696                  c) 2700                  d) 2996
- A.10** The smallest unit of length is \_\_\_\_\_
- a) cm                      b) m                      c) km                      d) mm

**Solve the following.**

- A.11** Subtract Rs. 95.68 from Rs. 247.54.
- A.12** Draw top and side view of spoon.
- A.13** Draw a clock and show the time 11:15.
- A.14**  $123 + 77 + 30 =$  \_\_\_\_\_.
- A.15** If  $106 - 19 = 87$  then \_\_\_\_\_ + \_\_\_\_\_ = 106.
- A.16** How many hours are there between 4 AM to 11 AM ? \_\_\_\_\_ hours.
- A.17**  $15,096 \text{ m} =$  \_\_\_\_\_ km \_\_\_\_\_ m.
- A.18** Half an hour = \_\_\_\_\_ minutes.
- A.19** Rs. 10 = \_\_\_\_\_ paise.
- A.20** Using basic shape of a brick, draw a wall pattern.

**SECTION - B**

**Solve any 6 questions out of 8.**

**(6×3=18)**

- B.1** Draw net of cube and cuboid.
- B.2** A truck can carry 5000 bricks. How many bricks can 20 such trucks carry?
- B.3** Add the following –  
Rs. 69.47; Rs. 100.75; Rs. 6.54
- B.4** Subtract and check your answer by addition.  
 $69,758 - 42,631$
- B.5** How many minutes are there between 8:40 PM and 9:25 PM?
- B.6** Radha's height is 1m 32cm. Her brother Raju is 86cm taller than her. What is Raju's height?

**B.7** Draw a jaali pattern and a jharokha pattern in a wall.

**B.8** What number should be added to 11,357 to get the sum 40,508?

### **SECTION-C**

**Solve any 6 questions out of 8.**

**(6×4=24)**

**C.1** Draw top view and side view of a pipe and a funnel.

**C.2** Bhajan went to buy bricks. The price was given for 1000 bricks. The prices were also different for different types of bricks. Read the table carefully and answer the following questions :

Old bricks	Rs. 1200 for 1000 bricks
New bricks from Intapur	Rs. 1800 for 1000 bricks
New bricks from Brickabad	Rs. 2000 for 1000 bricks

a) Find the cost of 3000 New bricks from Brickabad?

b) What will be the cost of 1500 Old bricks?

**C.3** Dhanu has the longest jump of 2 metres 40cm. Gurjeet is second. His jump is 20cm less than Dhanu's jump. Gopi comes third. His jump is only 5 cm less than Gurjeet's jump.

How long are Gurjeet's and Gopi's jumps?

**C.4** There are 210 children going for a trip. Find out how many mini buses will be required, if one mini bus can take 25 children?

**C.5** Change into 24-hour clock time :

a) 7:30 AM      b) 11:15 PM      c) 9:40 AM      d) 6:00 PM

**C.6** Find the product using expanded notation  $8134 \times 9$ .

**C.7** A party lasted for 4 hours 45 minutes. Rahim left the party one and a half hour earlier. How long did he stay at the party?

**C.8** Simplify the following :

a)  $23,456 + 1,325 - 10,640$

b)  $7,532 + 1,224 - 3,328$

## SECTION-D

Solve any 3 questions out of 5.

(3×6=18)

**D.1** There are different kinds of boats. Each has a different ticket price, and also trip times.

	Name of the Boat	Ticket-price	Trip-time
i)	Double-decker	Rs. 30	45 minutes
ii)	Paddle-boat	Rs. 15	30 minutes
iii)	Motor-boat	Rs. 25	20 minutes
iv)	Boat with oars	Rs. 15	45 minutes

- a) Which boat makes two trips in 1 hour?
- b) Which boat takes less than half an hour to complete a trip?
- c) Which boat gives them the most time taking the least money?
- d) Javed went twice for boating. He paid a total of Rs. 40 and boated for 50 minutes. Which two boats did he take?
- e) Indra and Bhanu first went in the motor-boat and then took the oar-boat. How much did they pay for both the boats?
- f) How much time did they get for both rides?

**D.2** There were 210 children who went for a trip. For lunch, biscuits, oranges and bananas were also distributed. Each child is to be given 1 orange, 1 banana and 4 biscuits. All the children took oranges and biscuits but 38 children did not take bananas. How many oranges, biscuits and bananas were distributed for lunch?

**D.3** Put in vertical columns and add or subtract.

- a)  $46,295 + 2,098 + 15,680$
- b) Subtract 9,403 from 10000
- c)  $99,999 + 1,001 + 400$

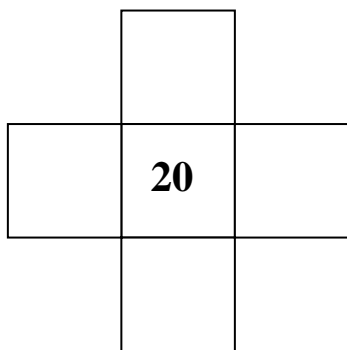
**D.4** Look up the rate list and answer the following questions.

<b>Rate List</b>	
Kind of Junk	Price of 1 kg
i) Waste Paper	Rs. 4/-
ii) News Paper	Rs. 5/-
iii) Iron	Rs. 12/-
iv) Brass	Rs. 170/-
v) Plastic	Rs. 10/-

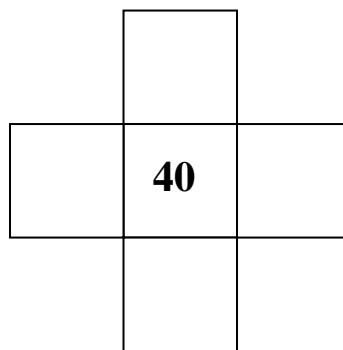
How much will Kiran pay for -

- a) 31 kg News Paper?
- b) 22 kg of Plastic ?
- c) 23kg of Waste Paper?
- d) 12 kg of Iron?
- e) 10 kg of Plastic?
- f) 10 kg of Brass?

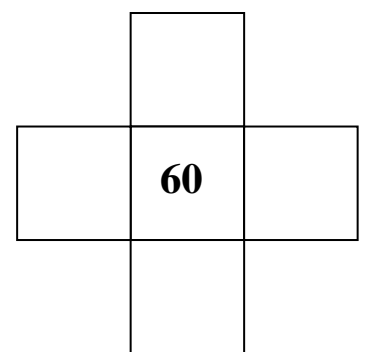
**D.5** Arrange the numbers 20, 30, 40, 50, 60 in such a way so that the horizontal and vertical totals match the totals given below :



**110**



**120**



**130**

