



# PHOENIX PUBLIC SCHOOL

ISANPUR, AHMEDABAD - 382443.

Seat No. : 1

EXAM :

DATE :

STD. & CLASS :

SUBJECT :

MAIN

1 +

Supplements

=

TOTAL

Supervisor's Sign.

Examiner's Sign.

Ques. No.	Total Marks	Marks Obtain
1		
2		
3		
4		
5		
6		
7		
8		
TOTAL		

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FA - 3

Sub - Maths

Std - 5<sup>th</sup>

Revision

M.C.Q.

1

A plane figure bounded by line segments is called \_\_\_\_\_ figure.

- (a) hexagonal (b) circle  
(c) rectilinear (d) none of these

2

The sum of sides by which the area is bounded called its \_\_\_\_\_.

- (a) area (b) length  
(c) breadth (d) Perimeter

3

7

484  
421 484

$$\square + \square + \square + \square + \square = \square$$

(2)

3

The area of a region formed by a square of side 1 millimetre is called a

- (a) cubic millimetre (b) square millimetre  
(c) millimetre (d) none of these

4

Which formula we use to calculate the length?

- (a)  $\text{length} = \frac{\text{Area}}{\text{breadth}}$  (b)  $\text{length} = \text{Area} \times \text{breadth}$   
(c)  $\text{length} = \text{Area} - \text{breadth}$  (d)  $\text{length} = \text{Area} + \text{breadth}$

5

Which formula we use to calculate the area?

- (a)  $\text{Area} = \frac{l}{b}$  (b)  $\text{Area} = l \times b$   
(c)  $\text{Area} = l + b$  (d)  $\text{Area} = l - b$

6

Anything that occupies space and does not change its shape is called a

- (a) liquid (b) gas  
(c) solid (d) none of these

7

What is standard unit of volume?

- (a) cubic metre (b) cubic millimetre  
(c) cubic kilometre (d) cubic centimetre

8

Which formula we use to calculate the volume of a cuboid?

- (a)  $V = \frac{l \times b}{h}$  (b)  $V = l + b + h$   
(c)  $V = l + b \times h$  (c)  $V = l \times b \times h$

3241  
221 3241  
82413

3

$$\square + \square + \square + \square + \square = \square$$

9 length of cuboid = ?

- (a)  $\frac{V+b}{h}$  (b)  $\frac{V}{b \times h}$   
 (c)  $\frac{V+h}{b}$  (d)  $\frac{V \times h}{b}$

10 Which formula we use to calculate the height of cuboid?

- (a)  $h = \frac{V}{l+b}$  (b)  $h = \frac{V}{l \times b}$   
 (c)  $\frac{V+l}{b}$  (d)  $h = \frac{V-l}{b}$

11 When we take money (loan) from bank or borrow from others then we pay some additional money with principal this money is called

- (a) reward (b) tax  
 (c) interest (d) penalty

12 We calculate simple interest by

- (a) one method (b) two method  
 (c) three method (d) four method

13 Which formula we use to calculate the simple interest?

- (a)  $SI = \frac{P \times R \times t}{100}$  (b)  $SI = \frac{P \times R \times t}{100}$   
 (c)  $SI = \frac{P \times R \times t}{100}$  (d)  $SI = \frac{P \times R \times t}{100}$

□ + □ + □ + □ + □ = □

14 The price a shopkeeper paid to manufacturer or through a wholesaler is called

- (a) selling price
- (b) profit
- (c) cost price
- (d) loss

15 The price at which the shopkeeper sells the goods to a customer is called

- (a) cost price
- (b) selling price
- (c) loss
- (d) profit

16 Which formula we use to calculate the loss?

- (a)  $L = SP - CP$
- (b)  $L = CP \times SP$
- (c)  $L = CP - SP$
- (d)  $L = \frac{CP}{SP}$

17 Which formula we use to calculate the profit?

- (a)  $P = CP - SP$
- (b)  $P = SP \times CP$
- (c)  $P = SP + CP$
- (d)  $P = SP - CP$

18 SP is stand by

- (a) seller price
- (b) shop place
- (c) selling price
- (d) none of these

19 cost price write in

- (a) PC
- (b) CP
- (c) both of these
- (d) none of these

2011  
2012  
2015

(5)

$$\square + \square + \square + \square + \square = \square$$

- 20  $l = 3$ ,  $b = 2$  and  $h = 1.5$  find volume = ?  
(a) 12.5 (b) 4.2  
(c) 9.0 (d) none of these

Q-2 Do as directed

(A) find the area of the rectangle whose length and breadth are

- (1)  $l = 36$  mm  $b = 14$  mm  
(2)  $l = 42$  mm  $b = 36$  mm  
(3)  $l = 4$  m 6 cm  $b = 6$  m 14 cm  
(4)  $l = 10.3$  m  $b = 9.2$  m

(B) Find the area of the square whose side are

- (1) 15 m (2) 25 cm  
(3) 10.6 m (4) 8 m 56 cm

(C) find the volume of each cuboid whose lengths, breadth and height are as follows

- (1)  $l = 36$  cm  $b = 30$  cm  $h = 18$  cm  
(2)  $l = 4$  cm  $b = 2$  cm  $h = 1$  cm  
(3)  $l = 4.5$  cm  $b = 3$  cm  $h = 2$  cm

(D) Find the volume of the cube in which each side is as follows

- (1) 9 cm (2) 18 cm  
(3) 10 m (4) 2.1 dm

(E) Find the simple interest and amount

- (1)  $P = 3400$   $r = 8\%$   $t = 12$  years  
(2)  $P = 600$   $r = 2\%$   $t = 4$  years

6

444  
211 444  
6444

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(3)  $P = ₹ 1200$   $r = 7\%$   $t = 2 \text{ years}$

Q-3 Do as directed

[A] Find the gain or loss in each of the following.

- (1) CP = ₹ 445 SP = ₹ 250
- (2) CP = ₹ 2040 SP = ₹ 2400
- (3) CP = ₹ 32000 SP = ₹ 30000
- (4) CP = ₹ 215 SP = ₹ 215

[B] Fill in the blanks (rectangle)

- |     | length | Breadth |
|-----|--------|---------|
| (1) | 8 cm   | 6 cm    |
| (2) | 9 cm   | 12 cm   |
| (3) | 15 m   | 20 m    |
| (4) | 12 m   | 11 m    |

(C) solve the word problem

- (1) Find the area of the top of the table whose length is 5.4 m and breadth is 4.5 m
- (2) find the perimeter of square whose each side is 5 cm.
- (3) find the volume of cube whose edge is 4 cm long.
- (4) Amar borrowed ₹ 5000 from his friend Pandan at the rate 12% per annum for 1 year for the purchase of a car. find

[6]

44  
221 381

(7)

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5415

the interest Amar will have to pay to Rangan after one year.

(5) A shopkeeper bought a mobile phone for ₹ 3100 and sold it to a customer for ₹ 4000 find his gain or loss.

(6) Find the volume of cuboid of length 9 cm, breadth 7 cm and height 3 cm.