

J.K.G. International school , Vijay Nagar

Practice Paper

Summative Assessment- II (2016 – 17)

Subject : Maths

Time : 3 hours

Class – V

M.M-60

All questions are compulsory

SECTION – A

(1X 10)

Q.1 The unit of ratio is expressed in term of

- (a) Kg (b) gram (c) metre (d) none of these

Q.2 If + stand for 15 and stand for 24 . What do

Stand for ?

- (a) 24 (b) 40 (c) 18 (d) 42

Q.3 A train travels at a speed of 20 m/s . What is its speed in Km/h ?

- (a) 20 Km/h (b) 72Km/h (c) 70 K/m (d) 80 Km/h

Q.4 Area of a square of side 10 cm is

- (a) 10 sq. Cm (b) 8 sq. Cm. (c) 100 sq.cm (d) 20Km/h

Q.5 The equality of two ratios is called

- (a) portion (b) equality (c) proportion (d) none of these

Q.6 The area of rectangle is

- (a) side X side (b) length + breadth (c) 4 x side (d) Length x Breadth

Q.7 5 cg + 3cg + 7cg = _____ cg

- (a) 6 (b) 7 (c) 8 (d) 5

Q.8 Which thermometer has greater range ?

- (a) Celsius scale (b) Fahrenheit scale (c) Both (a) and (b) (d) None of these

Q.9 2 : 3 can be written as :

- (a) 2 : 5 (b) 8 : 12 (c) 3 : 2 (d) 5 : 10

Q.10 What is the measure of angles between the hands of a clock at 3 O'clock

- (a) 120° (b) 60° (c) 45° (d) 90°

SECTION - B

(2 X 6)

Q.11 Express 8 mL 1 CL 5 mL into L using decimal notation .

Q.12 Simplify : $48 - 24 \div 3 \times 2$

Q.13 Draw a line segment of length 6.8 cm and bisect it .

Q.14 Find the area of shaded region :

Q.15 Check the following Whether it is in proportion or not .

$$5 : 3 :: 45 : 27$$

Q.16 Divide 20 pens between Mohan and Sahil in the ratio 3: 2 .

SECTION - C

(3 X6)

Q.17 Convert 104° F to the Celsius scale .

Q.18 A hall is 20 m long and 15 m wide . Find its perimeter and area required to cover the hall .

Q.19 Construct a triangle ABC in which $AB = 8\text{cm}$, $BC = 6\text{ cm}$ and $CA = 5\text{cm}$.

Q.20 (i) Convert into Km and subtract : $5.8\text{hm} - 35\text{m}$

(ii) How many Kg in 7648 g.

Q.21 Find the ratio of 1 hour to 36seconds .

Q.22 A rectangular field measure 400 m by 100 m and a square field 200 m by 200m . Do the two fields have the same area ?

SECTION – D

(5X4)

Q.23 (i) Convert 80°C to the Fahrenheit scale.

(ii) $(19 \times 10) \div 19$

Q.24 Of the 72 students in a section of Class 5, 28 are girls and the remaining are boys. Find the ratio of :

- (a) Boys to that of girls .
- (b) Girls to the total number of students .
- (c) Boys to the total number of students .

Q.25 Five square flower beds each of side 1.23 m are dug on a piece of land 4.8 m long and 4.2 m wide . What is the area of remaining part of land ?

Q.26 A book is 7cm 5 mm thick . Find in metres the height of 25 such books .

Q.27 Find the area of rectangular plot which is to be covered with trees of dimensions 12 m by 10 m . Also, find the number of trees planted , if space required by each tree is 1m X 1m . Which social act is being discussed in the question? Give its advantages.