



Brilliant Public School
Seepat Road Bahatarai, Bilaspur (C.G.)
Final Term Exam, 2017-18
Class - VI
Subject – MATHS

Time: 2:30 Hrs.
Date: 09.03.2018

M.M. 80
Friday

SECTION A (1×6=6)

- Q.1 Write opposite of 100m above sea level.
Q.2 Find the area of the square whose side is 14cm.
Q.3 Write the decimal in word. a) 0.03
Q.4 What is data?
Q.5 Find the ratio of 81 to 108.
Q.6 What is shape of brick?

SECTION B

2 X 6 = 12

- Q.7 What is the additive inverse of 6?
Q.8 Which is greater? a) 0.07 or 0.02
Q.9 What is pictograph?
Q.10 Find the number of right angles turned through by the hour hand of a clock when it goes from 5 to 11.
Q.11 Ekta earns Rs 1500 in 10 days. How much will she earn in 30 days?
Q.12 Find area of rectangle whose length and breadth are 3cm and 4cm.

SECTION C

3 X 10 = 30

- Q.13 A table top measure 2m by 1m 50cm. What is its area in square meters?
Q.14 Find the sum a) $0.007 + 8.5 + 30.08$ b) $280.69 + 25.2 + 38$
Q.15 Solve a) $\frac{2}{3} + \frac{1}{7}$ b) $\frac{4}{5} + \frac{2}{3}$
Q.16 Find a) $35 - (-20)$ b) $(-20) - (-13)$
Q.17 How many right angles do you make if you start facing a) west and turn to west b) north and turn anticlockwise to east?

- Q.18 Total number of animals in five villages are as follows:

Village A	:	80
Village B	:	120
Village C	:	90
Village D	:	40
Village E	:	60

Prepare a pictograph of these animals using one symbol to represent 10 animals.

- Q.19 A floor is 5m long and 4m wide. A square carpet of sides 3m is laid on the floor. Find the area of the floor that is not carpeted.
- Q.20 Draw a rough sketch of a regular hexagon. Connecting any three of its vertices, Draw a triangle.
- Q.21 Determine if the ratio form a proportion. Also, write the middle terms and extreme terms.
a) 25cm : 1cm and Rs 40 : Rs 160
- Q.22 Draw a circle of radius 3.2cm.

SECTION D

(4 X 8 = 32)

- Q.23 Draw a circle of radius 4cm. Draw any two of its chords. Construct the perpendicular bisectors of these chords. Where do they meet?
- Q.24 Anish made 42 runs in 6 overs and Anup made 63 runs in 7 overs. Who made more runs per over?
- Q.25 How many tiles whose length and breadth are 12cm and 5cm respectively will be needed to fit in a rectangular region whose length and breadth are respectively 100cm and 144cm.

OR

Ila read 25 pages of a book containing 100 pages. Lalita read $\frac{2}{5}$ of the the same book. Who read less?

- Q.26 Find the missing fraction a) $\dots\dots + \frac{5}{27} = \frac{12}{27}$ b) $\frac{7}{10} - \dots\dots = \frac{3}{10}$
- Q.27 Tina had 20m 5cm long cloth. She cuts 4m 50cm length of cloth from this for making a curtain. How much cloth is left with her?
- Q.28 Use number line and add the integers. a) $(-1) + (-2) + (-3)$ b) $(-5) + 10$
- Q.29 Draw any line segment, say AB. Take any point C lying in between A and B. Measure the length of AB, BC and AC. Is $AB = AC + CB$?
- Q.30 A survey of 120 school students was done to find which activity they prefer to do in their free time.

Preferred activity	Numbers of students
Playing	45
Reading	30
Watching TV	20
Listening to music	10
Painting	15

Draw a bar graph to illustrate the above data taking scale of 1 unit length = 5 students.