પુ•ના International School

Shree Swaminarayan Gurukul, Zundal

SUMMATIVE ASSIGNMENT -2 2021-22	
Grade – 5	Subject- MATHS
Syllabus – CH - 10, 11, 12, 13 and 14	FROM TEXTBOOK

Section - A

Q1. Multiple choice question:-

1) 9 cm = ____ mm
   a) 0.9 **b) 90** c) 900
2) Eighty seven hundredths is
   a) 8700 b) 870 **c) 0.87**
3) Four hundred fifty – seven thousandths is _____
   a) 0.407 b) 457 **c) 0.457**
4) Which of the following is the decimal form of seven – tenths?
   a) **0.7** b) 0.07 c) 0.007
5) Which of the following is the decimal form of $\frac{48}{100}$?
   a) 48 b) 4.8 **c) 0.48**
6) What is the place value of 4 in 85.423?
   a) Tens b) hundredths **c) tenths**
7) Which of these decimal numbers is the greatest?
   a) 8.52 **b) 8.75** c) 8.72
8) Which of these decimal numbers is the smallest?
   a) 0.21 b) 2.21 **c) 0.12**
9) There are _____ paise in a rupee.
   a) 10 b) **100** c) 1000
10) There are _____ paise in Rs 20.
   a) 20 b) 200 **c) 2000**
11) Rama wants 10 rose flowers. One flower costs Rs12. He paid _____
   a) **Rs120** b) Rs220 c) Rs450
12) 200 children went to a picnic. Each bus can carry 50 children. No of buses _____
   a) 5 b) 6 **c) 4**
13) Jaya bought 46 pencils. Cost of one pencil is Rs5. He paid in all ____
   a) 240 **b) 230** c) 320
14) A cube with volume 1cu cm has sides of length
   a) 100 mm each **b) 1 cm each** c) 1 mm each
15) The volume of a cuboid formed by joining five 1 cm cubes end to end will be
   a) 125 cu. cm b) 25 cu. cm **c) 5 cu. cm**
16) Perimeter of any regular figure is _____
   a) **sum of its all sides** b) product of its sides c)Both a and b
17) Length of one side of an equilateral triangle is 4 cm. Find the perimeter of the triangle
   a) 14cm **b) 12cm** c) 13cm
18) Kavan wants 70 lily flowers. One flower costs Rs12.
   a) How many flowers did Kavan buy?

b) **How much money did Kavan pay?**
c) How much money is Kavan left with?

19) 899 children went to a picnic. Each bus can carry 48 children.
a) How many children did each bus carry?
b) How many children went for picnic?
c**) How many buses do they need?**

20) A shopkeeper has 505 articles to sell. One articles costs Rs10.
a) How many articles will the shopkeeper buy?
b) **How much money will the shopkeeper earns?**
c) How much money will the shopkeeper left with?

21) Jassy bought 46 pencils. Cost of one pencil is Rs 5.
a) How many pencils did Jassy buy?
b) What is the cost of 5 pencils?
c) **How much money does she pay for the pencils?**

Q2. Fill in the blanks:-

1) The answer in multiplication is the **product.**
2) 934 × **726** = **934** × 726
3) 9869 × **0** = 0
4) 127 × (306 × 161) = (127 ×306) × **161**
5) **135**× (297 × 517) = (517 × **297**) ×135
6) Volume of liquids is measured in **litres.**
7) Quotient × **divisor**+ remainder = dividend
8) 32 × 32 × 0 = **0**
9) **0** ÷ 729 = 0
10) 3cm 4mm is equal to **3.4** cm
11) 7.8 cm is equal to **7** cm and **8** mm
12) 15.4 cm is equal to **15** cm and **4** mm
13) 0.9 cm is equal to **0** cm and **9** mm
14) 21 cm 3mm is equal to **21.3** cm
15) 24 mm is equal to **2** cm **4** mm
16) 8 mm is equal to **0.8** cm
17) Seven – tenths of a cm is equal to **0.7** cm
18) Three hundredths of a m = **3** cm
19) The measurement of length and breadth is needed to calculate the area of a **rectangle**
20) The distance around a square field can be calculated using the formula **4 (length)**
21) The space occupied by a solid its **mass**.
22) Two solids of the same shape and same size have **same** volume.
23) Volume is **three** dimensional.

24) Volume is measured in terms of **cubic** units.

Q3. Match the followings columns.

1) 0.5 × 0.1	a) 0.55
2) 13 ÷ 100	b) 0.13
3) 2.5 – 2.25	c) 0.5
4) 10 × 0.05	d) 0.25
5) 0.5 + 0.05	e) 0.05

Ans (1 – e), (2 – b), (3 – d), (4 – c), (5 – a)

1) 327	a) 250 ÷ 25
2) 28	b) 600 ÷ 20
3) 350	c) 981 ÷ 3
4) 10	d) 448 ÷ 16
5) 30	c) 3500 ÷ 10

Ans (1 – c), (2 – d), (3 – e), (4 – a), (5 – b)

Rupees	**Paise**
1. $\frac{2}{10}$	a) 5paise
2. $\frac{20}{10}$	b) 25paise
3. $\frac{5}{100}$	c) 200paise
4. $\frac{1}{2}$	d) 20paise
5. $\frac{1}{4}$	e) 50paise

Ans (1 – d), (2 – c), (3 – a), (4 – e), (5 – b)

Section – B

Q4. Arrange the following in descending order:-

a) 1.21, 12.1, 2.112, 2.12

Ans. 12.1, 2.12, 2.112, 1.21

b) 2.08, 2.80, 8.02, 8.20
c) 0.05, 0.60, 0.20, 0.09
d) 2.35, 22.35, 0.235, 2.325
e) 1.05, 3.05, 0.05, 2.05
f) 25.256, 25.252, 25.025, 25.205
g) 75.1, 48.02, 99.5, 0.09
h) 3.199, 3.5, 0.35, 0.035
i) 7.64, 77.064, 7.46, 77.604

j) 2.09, 9.02, 2.90, 9.20
k) 6.32, 6.302, 6.23, 6.023
l) 23.006, 25.252, 25.025, 25.205
m) 9.054, 9.045, 9.450, 9.540
n) 3.07, 3.70, 0.037, 0.37
o) 4.87, 4.78, 8.74, 8.47

Q5. Define:-

a) Perimeter – **The total length of all the line segments of a closed figure is called its perimeter.**
b) Area – **The region enclosed betweenboundaries of a figure.**
c) Volume – **The space occupied by the solid it is called volume.**
d) Mass – **Mass is a measure of the amount of matter in an object.**
e) Data – **Data is collection of facts or information.**
f) Pie charts – **A pie chart is a circle chart which is divided into slices to illustrate numerical proportion.**
g) Bar graph – **A bar graph can be defined as a chart or a graphical representation of data using bars or strips.**

Section – C

Q6. Multiplication:-

a) 7456 × 128

$$\begin{array}{r} 7588 \\ \times\ 239 \\ \hline 68292 \\ +\ 227640 \\ +\ 1517600 \\ \hline 1813532 \end{array}$$

b) 8365 × 276
c) 9274 × 546
d) 6547 × 694
e) 479 × 275
f) 127 × 383
g) 638 × 768
h) 254 × 687

Q7. Do the following division and also check your result:-

a) 976÷ 25

```
   39
25|976
 - 75
  226
  225
  001
```

Check: Q × D + R = Dd

39× 25 + 1

975 + 1

976 = Dividend

b) 770 ÷ 22

```
   35
22)770
  -66
  110
 -110
    0
```

Check: Q × D = Dd

35×22 = Dd

770 = Dd

c) 4001 ÷ 23

```
   173
23|4001
  23
  170
  161
    91
    69
    22
```

Check:

173 × 23 + 22 = Dd

3979 + 22 = Dd

4001 = Dd

d) 4720 ÷ 14
e) 9576 ÷ 21
f) 5281 ÷ 15
g) 2873 ÷ 20
h) 4913 ÷ 17

Q8. Word problems:-

a) 945 chocolates are to be distributed among 63 students. Find the number of chocolates each student will get?

Solution: Total number of chocolates = 945

No of students = 63

The number of chocolates each student gets = 945 ÷ 63 = 15

$$\begin{array}{r|l} & 1\ 5 \\ 63 & 9\ 4\ 5 \\ - & 6\ 3 \\ \hline & 3\ 1\ 5 \\ - & 3\ 1\ 5 \\ \hline & 0\ 0\ 0 \end{array}$$

15 chocolates each student will get.

b) Garima has Rs 500 with her. She wants to buy milk whose cost is Rs 50 per litre. How many litres of milk can she buy?

Solution: Total money Garima has = Rs500

Cost of milk per litre = Rs 50

Litters of milk she can buy = 500 ÷ 50

= 10 litters

Garima can buy 10 litters of milk.

c) Raju can write 63 pages of a notebook in one day. How many pages can he write in the month of July?

____
____
____
____
____.

d) The area of rectangle is 225 sq. m. If the width of its rectangle is 9 m. What is the length?

Solution:

Area of rectangle = 225 sqm

Width = 9 m

Length =?

Length = $\frac{area\ of\ rectangle}{width}$

$= \frac{225}{9}$

= 25 m

Length = 25 m

e) Soham drinks 8 glasses of water every-day. How many glasses he drinks in one year?

Solution: Total glasses of water he drinks = 8

No of days in one day = 365

No of glasses in one year = 365 × 8

$$\begin{array}{r} 3\ 6\ 5 \\ \times \quad 8 \\ \hline 2\ 9\ 2\ 0 \end{array}$$

Soham drinks 2920 glasses of water in one year.

f) The dimensions of a pencil box is 10 cm × 5 cm × 2 cm. Find its volume.

g) How many soap cakes of dimensions 10 cm × 8 cm × 6 cm can be packed in a box having dimensions 10 cm × 60 cm × 40 cm?

Solution:

Volume of box = 10 cm × 60 cm × 40 cm

= 24000 cm^3

Volume of Soap = 10 cm × 8 cm × 6 cm

= 480 cm^3

No of soaps = $\frac{\textit{volume of box}}{\textit{volume of soap}}$

$= \frac{24000}{480}$

= 50 Soaps can be packed in box of given dimensions.

h) How many bricks of length 20 cm, breadth 4 cm and height 6 cm will be needed to build a wall of length 10 cm, thickness 6 cm and height 2 m? (1m = 100cm)

Solution:

Volume of wall = 10 cm × 6 cm × 200cm (2m = 200 cm)

= 12000 cm^3

Volume of brick = 20 cm × 4 cm × 6 cm

= 480 cm^3

No of bricks = $\frac{\textit{Volume of wall}}{\textit{volume of bricks}}$

$= \frac{12000}{480}$

= 25bricks needed to build a wall of given dimensions.

i) Amit bought a battery. He read on it life 2000 hours. He use it throught out the day and night. How many days will the battery run?

Solution: Life of battery = 2000 hours.

Total hours in the day and night = 24

The battery will run = 2000 ÷ 24

```
      83
24 | 2000
   - 192
     0080
   -   72
       08
```

The battery will run 83 days and 8 hours.

j) The area of rectangle is 375 sq m. If the length of it rectangle is 15 m. what is the width of a rectangle?

Solution: area of rectangle = 375

Length = 15 m

Width =?

$$\textbf{Width} = \frac{area\ of\ rectangle}{length}$$

$$= \frac{375}{15}$$

= 25 m

Width = 25 m

k) Rohit had Rs 150. He bought sugar for Rs 19.50, rice for Rs 90 and biscuit for Rs28.25. How much money was he left with?

Solution: Rohit had Rs 150

19.50 he bought sugar
+ 90.00 he bought rice
+ 28.25 he bought biscuit
137.75 Total

Total money Rohit left with him = 150 - 137.75 = Rs 12.25.

Section – D

Q9. From smart chart:-

A) Tally marks:

1. Rahul sold saplings of trees in 6 months to show that make tally marks:

Trees	Neem	Peepal	Babool	Mango	Banyan
Number	24	32	10	8	15

2. People like pet animals to show that make tally marks:

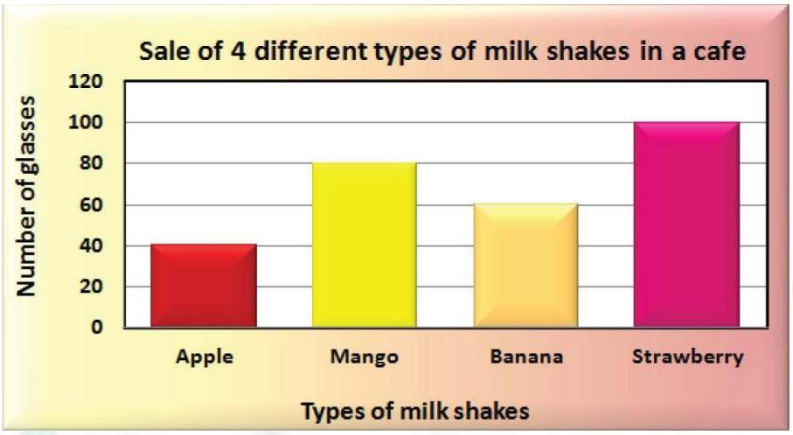
Animals	Cats	Dogs	Rabbits	Cows	Parrots	Goats	Squirrels
Numbers	25	10	9	13	15	20	3

3. People like juices to show that make tally marks:

Juice	Apple	Orange	Pineapple	Guava	Litchi	Mixed fruit
Number	24	26	19	8	14	24

B) Bar graph:

1. The graph below shows the sale of 4 different milk shakes in a café on a Sunday see the graph And answer the question:-



a) If a glass of banana shake costs Rs 15, how much did the café owner earn from the sale of banana shakes? _____

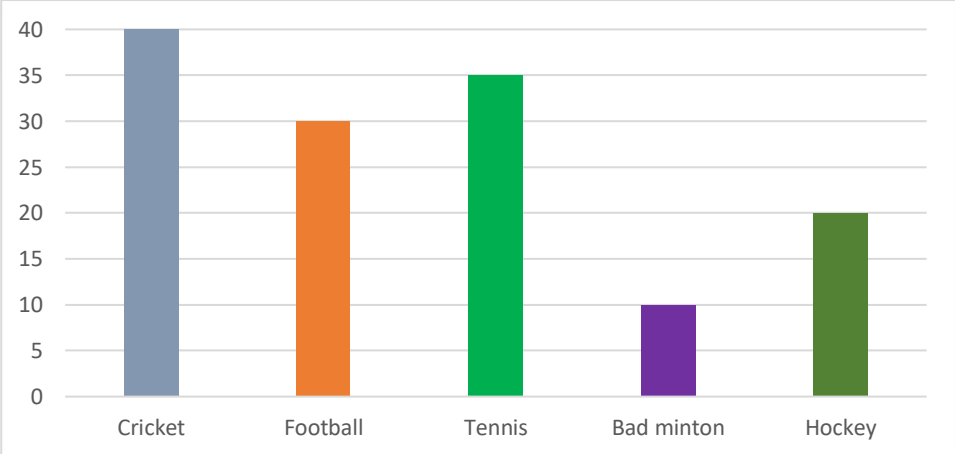
b) Which shake is preferred by most number of children?

c) Least favourite juice is _____

d) Find the total number of shakes sold on Sunday. _____

e) What is difference between apple shake and mango shake sold? _____.

2. Look the bar graph below and answer the question:



a) Which sport is played by the maximum number of students?
Ans. _____

b) How many students play football?
Ans. _____

c) How many students go for tennis?
Ans. _____

d) Which game is played the least by the students?

Ans. _____

e) How many like to play hockey?
Ans. _____

……BEST OF LUCK……..