



SUMMATIVE ASSIGNMENT -II 2022-23

Grade – V

Subject- MATHS

Syllabus – CH – 8, 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 article costs Rs10.
 a) How many articles will the shopkeeper buy?
 b) **How much money will the shopkeeper earn?**
 c) How much money will the shopkeeper be 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 known as **product**.
- 2) $934 \times 726 = 934 \times 726$
- 3) $9869 \times \underline{0} = 0$
- 4) $127 \times (306 \times 161) = (127 \times 306) \times \underline{161}$
- 5) $\underline{135} \times (297 \times 517) = (517 \times \underline{297}) \times 135$
- 6) Volume of liquids is measured in **litres**.
- 7) Quotient \times **divisor** + remainder = dividend
- 8) $32 \times 32 \times 0 = \underline{0}$
- 9) $\underline{0} \div 729 = 0$
- 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 meter = **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 is 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) $13 \div 100$ | 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) $250 \div 25$ |
| 2) 28 | b) $600 \div 20$ |
| 3) 350 | c) $981 \div 3$ |
| 4) 10 | d) $448 \div 16$ |
| 5) 30 | e) $3500 \div 10$ |

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

- | Rupees | Paise |
|---------------------|--------------|
| 1. $\frac{2}{10}$ | a) 5paise |
| 2. $\frac{20}{10}$ | b) 30paise |
| 3. $\frac{5}{100}$ | c) 200paise |
| 4. $\frac{10}{100}$ | d) 20paise |
| 5. $\frac{3}{10}$ | e) 10paise |

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

Section – B

Q4. Define:-

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

Section – C

Q5. Multiplication:-

1) 173×48

$$\begin{array}{r} 173 \\ \times 48 \\ \hline 1384 \\ + 6920 \\ \hline 8304 \end{array}$$

4) 5638×68

$$\begin{array}{r} 5638 \\ \times 68 \\ \hline 45104 \\ + 338280 \\ \hline 383384 \end{array}$$

2) 385×56

$$\begin{array}{r} 385 \\ \times 56 \\ \hline 2310 \\ + 19250 \\ \hline 21560 \end{array}$$

5) 6367×96

$$\begin{array}{r} 6367 \\ \times 96 \\ \hline 38202 \\ + 573030 \\ \hline 611232 \end{array}$$

3) 7456×28

$$\begin{array}{r} 7456 \\ \times 28 \\ \hline 59648 \\ + 149120 \\ \hline 208768 \end{array}$$

Practice sums

6) 865×76

7) 547×69

8) 479×27

9) 127×33

10) 9274×54

11) 1638×78

12) 6254×87

Q6. Do the following division and also check your result:-

1) $4320 \div 7$

$$\begin{array}{r} 617 \\ 7 \overline{) 4320} \\ \underline{-42} \\ 012 \\ \underline{-7} \\ 50 \\ \underline{-49} \\ 01 \end{array}$$

Check: $Q \times D + R = Dd$

$$617 \times 7 + 1 = Dd$$

$$4319 + 1 = Dd$$

$$4320 = Dd$$

4) $768 \div 6$

$$\begin{array}{r} 128 \\ 6 \overline{) 768} \\ \underline{-6} \\ 16 \\ \underline{-12} \\ 048 \\ \underline{-48} \\ 00 \end{array}$$

Check: $Q \times D + R = Dd$

$$128 \times 6 + 0 = Dd$$

$$786 + 0 = Dd$$

$$768 = Dd$$

2) $3946 \div 3$

$$\begin{array}{r} 1315 \\ 3 \overline{) 3946} \\ \underline{-3} \\ 09 \\ \underline{-9} \\ 004 \\ \underline{-3} \\ 16 \\ \underline{-15} \\ 01 \end{array}$$

Check: $Q \times D + R = Dd$

$$1315 \times 3 + 1 = Dd$$

$$3945 + 1 = Dd$$

$$3946 = Dd$$

5) $969 \div 4$

$$\begin{array}{r} 242 \\ 4 \overline{) 969} \\ \underline{-8} \\ 16 \\ \underline{-16} \\ 009 \\ \underline{-8} \\ 1 \end{array}$$

Check: $Q \times D + R = Dd$

$$242 \times 4 + 1 = Dd$$

$$968 + 1 = Dd$$

$$969 = Dd$$

3) $5281 \div 15$

$$\begin{array}{r}
 352 \\
 15 \overline{) 5281} \\
 \underline{45} \\
 78 \\
 \underline{- 75} \\
 031 \\
 \underline{- 30} \\
 01
 \end{array}$$

Check: $Q \times D + R = Dd$

$$352 \times 15 + 1 = Dd$$

$$5280 + 1 = Dd$$

$$5281 = Dd$$

Practice sums

6) $4720 \div 14$

7) $2873 \div 20$

8) $4913 \div 17$

9) $438 \div 9$

10) $3480 \div 12$

11) $900 \div 10$

12) $678 \div 6$

13) $2475 \div 11$

14) $450 \div 7$

Q7. Word problems:-

- 1) **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 = $945 \div 63$

$$\begin{array}{r}
 15 \\
 63 \overline{) 945} \\
 \underline{- 63} \\
 315 \\
 \underline{- 315} \\
 000
 \end{array}$$

Each student will get 15 chocolates.

- 2) **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

Liters of milk she can buy = $500 \div 50$
= 10 liters

Garima can buy 10 liters of milk.

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

4) 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 sq. m

Width = 9 m

Length = ?

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

$$= \frac{225}{9}$$

$$\text{Length} = 25 \text{ m}$$

The length of a rectangular plot is 25 m.

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

Solution: No. of glasses of water he drinks in a day = 8

No of days in a year = 365

No of glasses of water he drinks in a year = 365×8

$$\begin{array}{r} \textcircled{5} \textcircled{4} \\ 365 \\ \times \quad 8 \\ \hline 2920 \end{array}$$

Soham drinks 2920 glasses of water in a year.

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

Solution: Volume of pencil box = $10 \text{ cm} \times 5 \text{ cm} \times 2 \text{ cm}$
 $= 100 \text{ cm}^3$

Volume of a pencil is 100 cm^3

7) A Match box measure 5 cm × 3 cm × 2 cm find its volume.

Solution: L=5 cm, B = 3 cm, H = 2 cm

Volume = length × width × height

$$= 5 \text{ cm} \times 3 \text{ cm} \times 2 \text{ cm}$$

$$= 30 \text{ cm}^3$$

Volume of a match box is 30 cm^3

8) How many soap cakes of dimensions 5 cm × 3 cm × 4 cm can be packed in a box having dimensions 8 m × 6 m × 4 m? (1 m = 100 cm)

Solution: Box - L=8 m, B = 6 m, H = 4 m

$$\text{Volume of box} = L \times B \times H$$

$$= 800 \text{ cm} \times 600 \text{ cm} \times 400 \text{ cm}$$

$$= 192000000 \text{ cm}^3$$

Soap - L = 5 cm, B = 3 cm, H = 4 cm

$$\text{Volume of Soap} = L \times B \times H$$

$$= 5 \text{ cm} \times 3 \text{ cm} \times 4 \text{ cm}$$

$$= 60 \text{ cm}^3$$

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

$$= \frac{192000000}{60}$$

$$= 32,00,000$$

In a given box 32,00,000 soaps can be packed.

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

Solution: Volume of wall = L × B × H

$$= 1000 \text{ cm} \times 600 \text{ m} \times 200 \text{ cm}$$

$$= 120000000 \text{ cm}^3$$

Volume of brick = L × B × H

$$= 4 \text{ cm} \times 2 \text{ cm} \times 6 \text{ cm}$$

$$= 48 \text{ cm}^3$$

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

$$= \frac{120000000}{48}$$

$$= 25,00,000$$

In a given wall 25,00,000 bricks needed.

10) 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: No. of life hours of a battery = 2000

No. of hours in a day = 24

No. of days battery will run = $2000 \div 24$

$$\begin{array}{r} 83 \\ 24 \overline{) 2000} \\ \underline{- 192} \\ 0080 \\ \underline{- 72} \\ 08 \end{array}$$

The battery will run 83 days and 8 hours.

11) 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 sq. m

$$\begin{aligned} \text{Length} &= 15 \text{ m} \\ \text{Width} &=? \\ \text{Width} &= \frac{\text{area of rectangle}}{\text{length}} \\ &= \frac{375}{15} \\ \text{Width} &= 25 \text{ m} \end{aligned}$$

The width of a rectangular plot is 25 m.

12) The area of rectangular plot is 84 sq m. If the length of it is 12 m. What is the width of a rectangular plot?

Solution: Here, Area of rectangle = 84 sq m

$$\begin{aligned} \text{Length} &= 12 \text{ m} \\ \text{Width} &=? \end{aligned}$$

$$\begin{aligned} \text{Width} &= \frac{\text{Area of rectangle}}{\text{Length}} \\ &= \frac{84}{12} \end{aligned}$$

$$\text{Width} = 7 \text{ m}$$

The width of a rectangular plot is 7 m.

13) 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

$$\begin{array}{r} 19.50 \text{ he bought sugar} \\ + 90.00 \text{ he bought rice} \\ + 28.25 \text{ he bought biscuit} \\ \hline 137.75 \text{ Total} \end{array}$$

$$\begin{aligned} \text{Total money Rohit left with him} &= 150.00 - 137.75 \\ &= \text{Rs } 12.25. \end{aligned}$$

Rs 12.25 left with him.

Section – D

Q8. Show the 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

Answer

Trees	Tally marks	Number
Neem		24
Peepal		32
Babool		10
Mango		8
Banyan		15
Total	-	

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

Animals	Cats	Dogs	Rabbits	Cows	Parrots
Numbers	25	10	9	13	15

Answer

Animals	Tally marks	Number
Cats		25
Dogs		10
Rabbits		9
Cows		13
Parrots		15
Total	-	

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

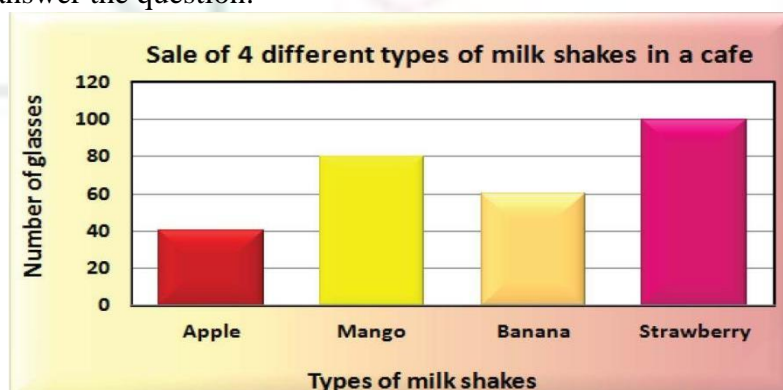
Juice	Apple	Orange	Pineapple	Guava	Litchi
Number	24	26	19	8	14

Answer

Juice	Tally marks	Number
Apple		24
Orang		26
Pineapple		19
Guava		8
Litchi		14
Total	-	

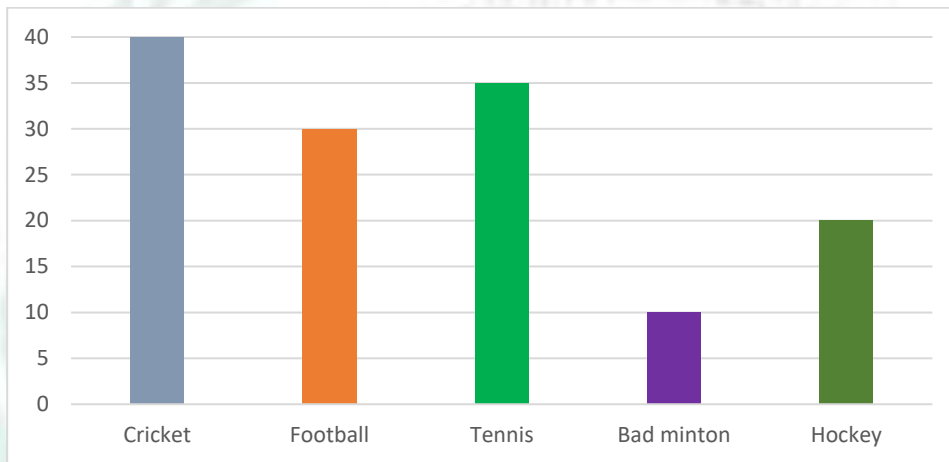
Q9. Look the bar graph and answer the following question:

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:-



- If a glass of banana shake costs Rs 15, how much did the café owner earn from the sale of banana shakes? _____
- Which shake is preferred by most number of children?
- Least favourite juice is _____
- Find the total number of shakes sold on Sunday. _____
- What is difference between apple shake and mango shake sold?
_____.

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



- Which sport is played by the maximum number of students?
Ans. _____
- How many students play football?
Ans. _____
- How many students go for tennis?
Ans. _____
- Which game is played the least by the students?
Ans. _____
- How many like to play hockey?
Ans. _____