



SINDHI HIGH SCHOOL, BENGALURU
ANNUAL EXAMINATION- [2022- 23]
SUBJECT: MATHEMATICS

Class: IV
Date: 24-3-23
No. of sides: 6

Marks : 80
Reading time:8:00 am to 8:15am
Writing time:8:15am to 10:45am

General Instructions :

- 1) Write your name, roll number, class/section, date and subject clearly in the answer script.
 - 2) Write the page number on the right hand side top corner of each side of the paper.
 - 3) All questions are compulsory.
 - 4) This question paper contains four sections, Sections A, B, C, D
 - 5) Section A consists of 15 Multiple Choice Questions and 5 fill in the blanks of one marks each.
 - 6) Section B – Question numbers 21 to 26 carry two marks each.
 - 7) Section C - Question numbers 27 to 34 carry three marks each. .
 - 8) Section D - Question numbers 35 to 40 carry four marks each.
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Section A

1 × 20 = 20

Select the correct option

- 1) _____ ÷ 4 = 20
a) 80 b) 8 c) 800 d) 1000
- 2) The perimeter of a park is 250 m .Rahul ran 3 times around the park today.How much distance did he cover?
a) 100m b) 500 m c) 250m d) 750 m
- 3) 1 m = _____ cm
a)100 b) 1000 c) 10 d) 1
- 4) The product of 2 x 45 x 0 is
a) 90 b) 9 c) 0 d) 900

5) How many seconds are there in 7 minutes ?

- a) 430 seconds b) 420 seconds
c) 220 seconds d) 520 seconds

6) The fraction for the unshaded part in this figure is

- a) $\frac{2}{3}$ b) $\frac{1}{3}$ c) $\frac{3}{2}$ d) $\frac{3}{1}$



7) Govind wants 1kg sugar for baking a cake but he has only 750 g with him. How much more sugar does he need so that he can bake the cake.

- a) 1kg 750 g b) 250 g c) 500g d) 1 kg

8) $2000 + \underline{\hspace{2cm}} = 200$

- a) 10 b) 1000 c) 100 d) 20000

9) The length of the boundary of a polygon is called as its _____

- a) area b) perimeter c) circumference d) chord

10) 3km 450 m = _____ m

- a) 345m b) 3450m c) 3450km d) 34500 m

11) What is $\frac{1}{3}$ of 96

- a) 288 b) 32 c) 30 d) 23

12) A number when divided by 4 gives 9 as quotient and 2 as remainder ,the number is



- a) 40 b) 36 c) 38 d) 18

13)The cost of 1 book is Rs 50, find the cost of 6 books ?

- a) 300 b) 30 c) 500 d) 10

14) Geeta did $\frac{2}{5}$ of the work in office and $\frac{1}{5}$ of the work at home. What fraction of the work did she do?

- a) $\frac{3}{5}$ b) $\frac{5}{3}$ c) $\frac{2}{5}$ d) $\frac{1}{5}$

15) If  = 10 then what is the value of 

- a) 500 b) 40 c) 30 d) 50

Fill in the blanks

16) $12 \times \underline{\hspace{2cm}} = 12000$

17) $\frac{2}{5} = \frac{27}{\square}$

18) $329 \div 7 = \underline{\hspace{2cm}}$

19) Complete the multiplication fact using the given division sentence

$45 \div 5 = 9$

$\underline{\hspace{2cm}} \times 5 = \underline{\hspace{2cm}}$

20) Complete using am/pm

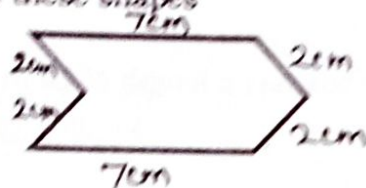
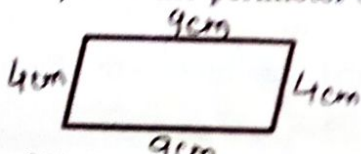
i) Our school starts at 8 :00

ii) The train will leave Bangalore today evening at 6:15

Section B

2 x 6 = 12

21) Find the perimeter of these shapes



22) Compare

a) $\frac{1}{8}$ $\frac{1}{20}$

b) $3 \frac{1}{5}$ $9 \frac{4}{5}$

c) $\frac{6}{2}$ $\frac{6}{5}$

d) $\frac{23}{14}$ $\frac{15}{14}$

23) 120 cm lace was needed to give a border for a square scarf. Find the measure of each side of the scarf.

24) Solve

$2m10\text{ cm} + 9\text{ m} + 1m\ 15\text{cm}$

25) Write the 7th and 9th equivalent fraction of $\frac{2}{11}$

26) Govind reached Bhopal at 8:00 am and left at 1:30 pm, for how much time did he stay in Bhopal.

Section C

3 x 8 = 24

27) A dozen juice cans can be packed in a box. How many boxes will be needed to pack 1600 juice cans. Will any juice can be left unpacked. If so then how many ?

28) a) Complete the table

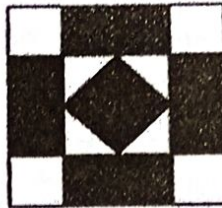
12 hour Clock	24 hour clock
3:00 pm	
	09:00 hours
5:30 am	
	16:15 hours

b) Check whether 2024 is a leap year or not

29) a) Find the area of the shaded design if each grid is a square of side 1 cm



ii)



b) A rectangular box has a length of 16 m and breadth of 9 m . Find its area.

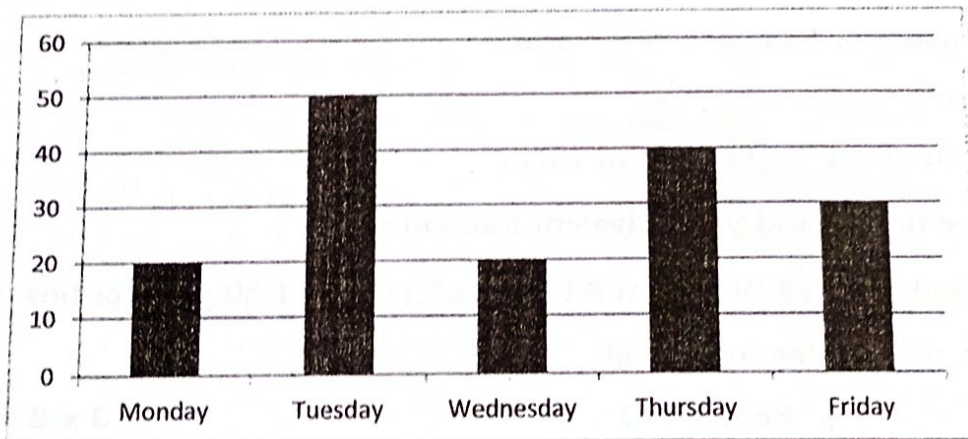
30) Multiply and find the product

a) 405×56

b) 145×95

31) John recorded the number of burgers sold over five days in his hotel.

Read the graph and answer the questions



a) How many burgers did he sell on Thursday ?


b) On which day did he sell the most number of burgers

c) How many more burgers did he sell on Tuesday than on Friday

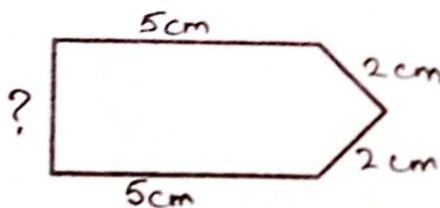
- 32) a) Convert 3 minutes 5 seconds to seconds
 b) Convert 82 minutes into hours and minutes
 c) Add 2 hours 45 minutes and 9 hours 7 minutes
- 33) Students of class IV were asked to name their favourite ice cream flavour. The data is given below

Ice cream Flavour	Number of students
Vanilla	4
Chocolate	10
Strawberry	6
Butterscotch	8

Draw a pictograph and represent the above information in it.

Take  = 2 ice creams

- 34) a) The perimeter of the given shape is 16 cm . Find the length of the unknown side



- b) The perimeter of a square cardboard is 84 cm . Find the measure of its side

SECTION D

4 x 6 = 24

- 35) Divide and check

$$345 \div 12$$

- 36) From a rope of length 21 m 80 cm , two pieces of length 11m and 2 m 69 cm are cut . What is the length of the remaining rope?

- 37) a) Convert $4\frac{2}{9}$ to an improper fraction

- b) Convert $\frac{11}{5}$ to a mixed fraction

- c) Check whether $\frac{2}{3}$ and $\frac{14}{21}$ are equivalent fractions or not

38) Solve

a) $\frac{4}{13} + \frac{9}{13} - \frac{7}{13}$

b) Identify the type of fraction

i) $\frac{2}{3}$

ii) $3\frac{1}{7}$

iii) $\frac{11}{5}$

39) Solve

a) $9\ell - 2\ell$ 250 ml

b) $4\text{ kg } 250\text{ g} + 1\text{ kg } 90\text{ g}$

40 a) The total cost of 23 toy cars is Rs 3450 . Find the cost of 1 toy car.

b) 1 painting brush costs Rs 350. Find the cost of 25 such painting brushes.
