PT4/ANNUAL EXAMINATION, 2022-23

MATHEMATICS

Time - 3 hrs. **Class – IV (SET-A)** **M.M. – 80**

Name of the student _____ Section ____ Date - 07.02.2023 (Tuesday)

General Instructions :

- This question paper comprises 23 Questions in two sections:Section A and Section B.
- Section A contains 9 questions. Q.No. 1 to 3 carries 1 mark each,Q.No. 4 to 9 carries 2 marks each.
- Section B contains 14 questions.Q.No.10 to 17 carries 3 marks each, Q.No.18 to 21 carries 4 marks each and Q.No 22 and 23 carries 5marks each.
- All questions are complusory.

SECTION - A

Q.1 Choose the correct option. **(1)**

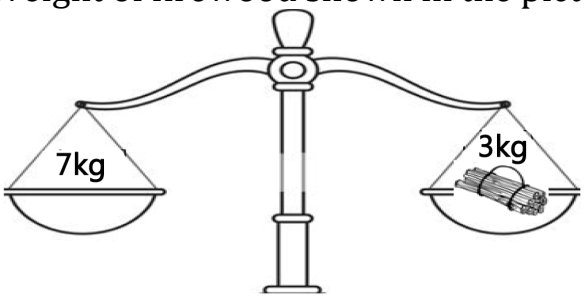
i) The greatest fraction is:

a) $\frac{11}{13}$ b) $\frac{12}{13}$ c) $\frac{9}{13}$ d) $\frac{1}{13}$

ii) Pie chart is always _____ in shape. **(1)**

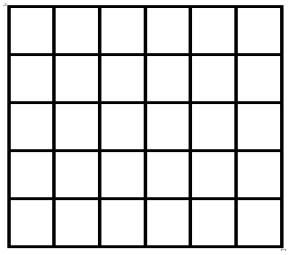
a) Rectangular b) Circular c) Square d) none of these

iii) Weight of firewood shown in the picture is : **(1)**



a) 7kg b) 3kg c) 4 kg d) 10 kg

iv) Number of squares each of side 1cm in the given figure is _____. **(1)**



a)25 b) 36 c) 30 d) 42

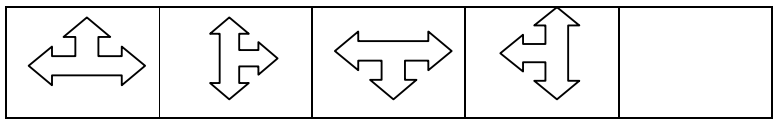
v) Half of 36 is ____ . **(1)**

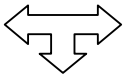
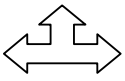
a) 19 b) 18 c) 17 d) 16

vi) There are 104 beads in 13 baskets, so each basket has ___beads. **(1)**

a) 8 b) 9 c) 1052 d) 1352

vii) Complete the pattern: **(1)**



a)  b)  c)  d) 

Q.2 Fill in the blanks with suitable answer:

i) Rajat used 17 colour pencils out of 20 colour pencils. Fraction of colour pencils he used is _____ . **(1)**

ii) 1AZ , 2BY, 3CX, 4DW , _____ . **(1)**

iii) 462 x 20 =_____. **(1)**

iv) 1000 g = ____ x 50 g. **(1)**

v)The perimeter of square of side 1cm is _____ . **(1)**

vi) Graph represented in the form of Bars are known as _____ . **(1)**

Q 3. Write True/False for the given statements.

i) In a pictograph if 1 ☺ represents 5 children, so ☺ ☺ ☺ will represent 15 children. _____ **(1)**

ii) Five 250 g make 1kg. _____ **(1)**

iii) Numerator for the Fraction $\frac{87}{100}$ is 100. _____ **(1)**

iv) When we divide 84 by 12, we get 0 as remainder._____ **(1)**

v) Perimeter of any closed figure is sum of all its sides._____ **(1)**

Q4. Study the pattern to come up with the answer: **(2)**

9 x 0 +1 =1

9 x 1+ 2 =11

9 x 2 +3 = 21

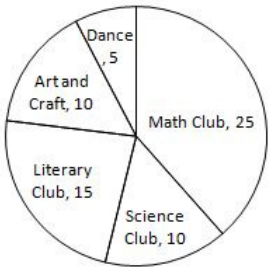
9 x 3 +4 = ____

9 x 4 + 5 = ____

9 x 5 + ____ = ____

Q5. There are 60 umbrellas. A Quarter of them are red in colour. How many red umbrellas are there? **(2)**

Q6. The following pie chart shows the number of students in particular clubs. **(2)**



Now answer the questions based on the pie chart.

a) Which club has the maximum number of children?

b) How many more children are there in Maths club than literary club?

Q7. Find the perimeter of triangle whose sides are 12 cm, 16cm and 25cm. **(2)**

Q8. On sports day 161 students are there in the school playground. They are standing in 7 equal rows.How many children are there in each row? **(2)**

Q9. Put in Column and Subtract: **(2)**

45kg 240 g – 23kg 25g

SECTION – B

Q10. Using numbers from 21 to 29 only once, complete the grid in such a way that the sum of each row, column and diagonal is 75. **(3)**

		26
	25	
		22

Q11. Sale of colourful kites in the Last week of January was as under:

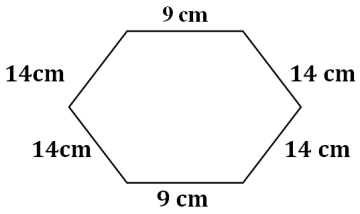
Monday: 24, Tuesday:12, Wednesday: 4,Thursday:32, Friday:16.

Draw a **pictograph**, give it a title and show what your symbols stand for. **(3)**

Q12. Arrange the given fractions in Descending Order**.** **(3)**

$\frac{8}{17}, \frac{14}{17}, \frac{11}{17}, \frac{4}{17}, \frac{17}{17}, \frac{7}{17}$

Q13. Find the perimeter of given figure**.** **(3)**



Q14. One carton can hold 25 soap bars.Ananya wants to pack 225 soap bars. How many cartons does she need for packing all of them? **(3)**

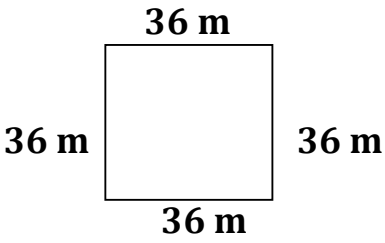
Q15. Fill in the blanks with ÷ or × to make the statement True. **(3)**

84 12 = 7 ☐ 5 = 35 ☐ 7 = 5

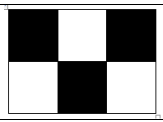
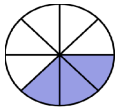
Q16. Match the following: **(3)**

Column:A	Column:B
i) 3kg 56g	a) 3kg
ii) 3560 g	b) 3056g
iii) 3000 g	c) 3kg 560g

Q17. Rohan wants to fence his square field whose side is 36 m. Find the total length of wire required to fence his field**.** **(3)**



Q18. Complete the table: **(4)**

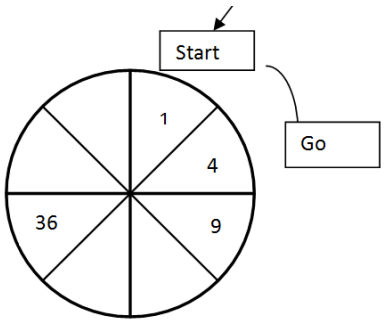
S.No.	Figure	Fraction of shaded part	Fraction of unshaded part
i)			
ii)			
iii)			
iv)			

Q19. Himani wants change for Rs. 2000. How many notes will she get if she wants in returns: **(4)**

a) All 500 rupees notes. b) All 100 rupees notes

c) All 50 rupees notes. d) All 20 rupees notes.

Q20 Fill in the missing number to complete the sequence: **(4)**



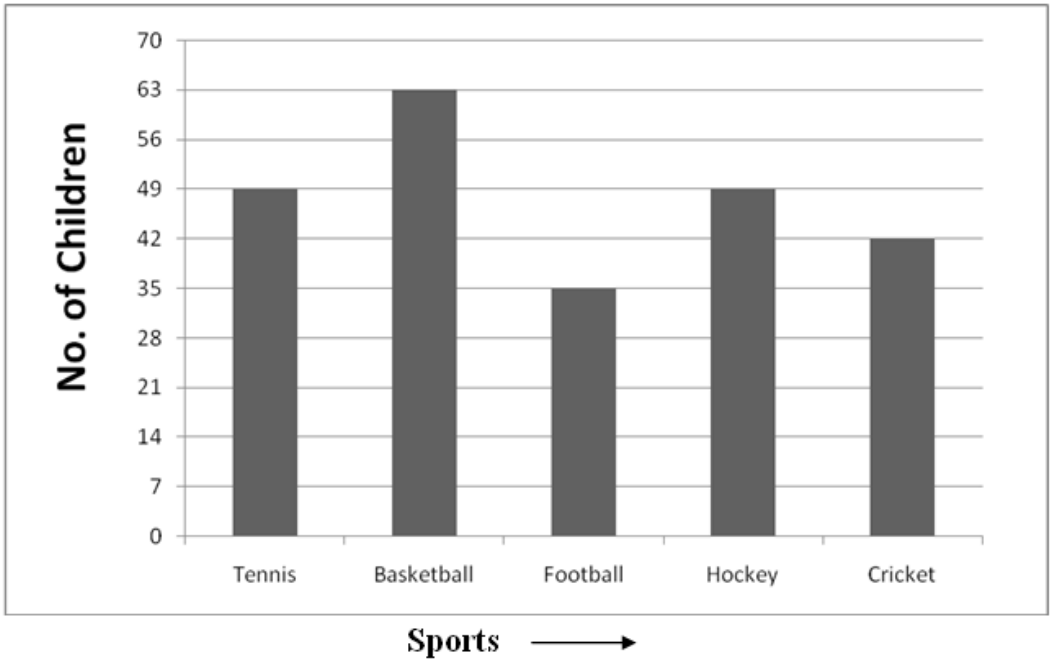
Q21. Chandan's father goes for walk everyday .He takes 3 rounds of a rectangular field whose length is 750m and breadth is 500m. Find the distance covered by him every day. Give your answer in km and m. **(4)**

Q22. Find out the **total weight** loaded on a Horse cart. Also find whether the Horse cart can carry the weight or not if the capacity of it is only 400kg. **(5)**

(Make the table in your answer sheet).

Sl. No.	Things Loaded	Weight	Quantity	Total Weight
1.	Water Tank	100kg	2	
2.	Mattress	21kg	3	
3.	Almirah	75 kg	1	
4.	Chair	6kg	4	
5.	Table	12kg	2	
6.	Bamboo Ladder	10kg	2	

Q23. The following **Bar Graph** shows the number of children choosing different sports. **(5)**



Answer the following questions:

a) What is the most popular sport?

b) Which two sports are liked by equal number of children?

c) What numbers of children choose Hockey?

d) How many more children choose Hockey than football?

e) What is the least popular sport and what numbers of children choose this?