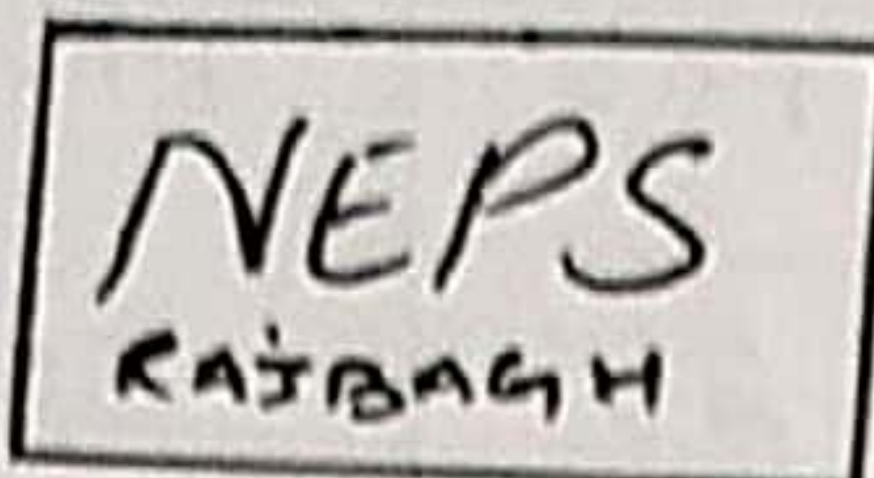


CLASS :- 6TH
SUBJECT :- MATHEMATICS



TERM :- Ist - 2021
M. Marks :- 60

PART 'A'

Attempt any five questions

Q=1 The sum of two integers is -39 . If one of them is 16 . Determine the other. (5)

Q=2 A girl travelled 14km to the east of Mumbai and then 23km to the west from that point. How far was she finally far from Mumbai? (5)

Q=3 Write the natural numbers from 2 to 12 . What fraction of them are prime numbers? (5)

Q=4 Namita had Rs 60 with her. She gave $\frac{1}{2}$ of them to her younger brother. How many rupees did she give to him? (5)

Q=5 There are two packets one weighs $\frac{14}{5}\text{kg}$ and other weighs $1\frac{1}{2}\text{kg}$. Find the total weight of two packets. (5)

Q=6 Express the following as mixed fraction:
(a) $\frac{18}{5}$ (b) $\frac{23}{4}$ (5)

Q=7 Write any five pairs of like fractions. (5)

PART 'B'

Attempt any five questions:

Q=1 Prepare a frequency distribution table for the following data.

$20, 5, 6, 8, 10, 11, 5, 11, 6, 20, 18, 5, 6, 10, 8, 8, 11, 5, 6, 11, 10, 10, 11$ (5)

Q=2 The following are the number of electric bulbs purchased during the first six months of a year.

P.T.O

(2)

Month	Jan	Feb	March	April	May	June
Number of bulbs	20	25	30	35	40	30

Represent the data by pictograph [use $\text{B} = 5 \text{ bulbs}$] (5)

Q=3 Represent the following data by using a bar graph considering of 1 unit length = 100 Tones.

Year	1970	1980	1990	2000
Production	300	550	450	625

(5)

Q=4 The number of fans sold by a shopkeeper during 1st 6 months of a year are given below:

Month	Jan	Feb	March	April	May	June
No. of fans sold	30	40	60	50	20	60

Taking the scale of 1 unit = 10 fans, draw a bar graph. (5)

Q=5 The sale of soft drinks in a school canteen on the five days of a week was as follows:

Day	Mon	Tue	Wed	Thu	Fri
No. of soft drinks sold	80	63	47	51	76

Represent the data by pictograph [using $\text{C} = 10 \text{ soft drinks}$] (5)

Q=6 Draw a bar graph to represent the following data. Choose an appropriate scale of your choice.

Class	I	II	III	IV	V
No. of students	35	45	50	25	40

Q=7 The marks in a science test of class 6th students are as follows. (5)

70, 80, 90, 80, 80, 60, 80, 70, 90, 65, 100, 60, 70, 60, 85, 65, 70, 70, 85, 90, 60, 65, 80, 60, 70

Mark a frequency distribution table for the above data.

(5)

Part C

Fill in the blanks:

- i) The Predecessor of 3009 is _____.
- ii) The Triangle having unequal sides is called _____.
- iii) 1 is neither prime nor _____.
- iv) The vertex of $\angle PMN$ is _____.
- v) The place value of 7 in 21,79,003 is _____.
- vi) A line segment $\overline{AB}$ is denoted by _____.
- vii) The Smallest whole number is _____.
- viii) The angles are measured in _____.
- ix) An angle of measure 90° is a _____ angle.
- x) A flat surface gives us an idea of a _____.

(10)

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