BCM SCHOOL, BASANT AVENUE, DUGRI ROAD, LUDHIANA

CLASS:VI

SUBJECT: MATHEMATICS (041)

Assignment

Playing with Numbers & Data handling

Session:2023-24

MCQs

Q1. Which of the following numbers is/are **NOT** divisible by 6?

  a) 79124   b) 92346   c) 639210   d) 467082

Q2. Which of the following is a pair of co-prime?

  a) 42,20   b) 27,72   c) 35,37   d) 68,86

Q3. Data can be arranged in tabular form using:

  a) Bar graph   b) Tally chart   c) Pictorial graph   d) all of above

Q4. Assertion -Reasoning

Assertion(A)- The following data shows the blood group of 30 student of class VI

Blood Group	Number of students
A	9
B	6
O	12
AB	3
Total	30

Reason(R)- The most common blood group is B.

a) Both Assertion and Reason are correct and reason is the correct explanation for assertion.

b) Both Assertion and Reason are correct and reason is not the correct explanation for Assertion.

c)Assertion is true but the reason is false.

d) Assertion is false and reason is true.

Q5. Find the smallest number which when diminished by 6 is divisible by 12, 15, 20 & 27.

Q6. The HCF of two numbers is 119 and LCM is 11781. One of the number is 1071, find the other number.

Q7. Organize the following marks in a class assessment in the form of Frequency Distribution Table: 4,6,7,5,3,5,4,5,2,6,2,5,1,9,6,5,8,4,6,7,

   a) What are the highest marks?
   b) What are the lowest marks?
   c) How many students got marks less than 5?

Q8. **CASE STUDY**:

A survey was carried out on 32 students of class VI in a school. Data about different mode of transport used by them to travel to school was displayed a in pictograph as under:

Mode Of Travelling	Number Of Students (😊 = 3 students)
PRIVATE CAR	😊 😊 😊 😊 😊
PUBLIC BUS	😊 😊 😊 😊 😊 😊
SCHOOL BUS	😊 😊 😊 😊 😊 😊 😊 😊 😊 😊
CYCLE	😊 😊 😊
WALKING	😊 😊 😊 😊 😊 😊

Observe the pictograph and answer the following question:

  a) Which is the popular mode of transport?
  b) Find number of students who travelled either by cycle or walking.
  c) What mode of transport would you suggest and why?