

BCM SCHOOL, BASANT AVENUE, DUGRI, LUDHIANA.
AUGUST ASSIGNMENT
CLASS- VI (MATHEMATICS)
CHAPTER :DATA HANDLING AND PRESENTATION
PRIME TIME

SECTION –A (MULTIPLE CHOICE QUESTIONS)

1. Which pair of numbers is safe for keeping treasures?
a) 15,39 b) 20,55 c) 8,15 d) 18, 28
2. In a pictograph, ★ = 5 students. If there are 6 stars, how many students are represented?
a) 11 b) 25 c) 30 d) 35
3. Assertion (A) – The factors of 34 are 1, 3, 17 and 34 itself
Reason (R) – every factor is less than or equal to the given number.
a) Both A and R are true and R is the correct explanation of A
b) Both A and R are true but R is not the correct explanation of A
c) A is true but R is false
d) A is false but R is true

SECTION – B(2 MARKS QUESTIONS)

4. A teacher asked 30 students how they travelled to school. The data collected was:
Bus - 12, Van - 8, Bicycle - 5, Walking - 5
a) Which mode of transport was used by the greatest number of students?
b) How many students used either a bicycle or walked to school?
c) If this data is represented using a bar graph, which two categories will have bars of equal height?
5. Use prime factorisation to find if first number is divisible by second number:
242 and 12

SECTION – C (3 MARKS QUESTIONS)

6. The pictograph shows the number of books read by five students during their summer vacation.
Key:  = 4 books

Student	Books Read
Aarav	  
Meera	    
Riya	   
Kabir	 
Simran	     

a) How many books did Meera read?
b) How many more books did Simran read than Kabir?
c) Aarav says, "Together, Meera and Riya read 36 books." Is Aarav correct? Give a reason.
7. a) Find common factors of 24,36 and 48
b) Are 242 and 195 Co-prime?

SECTION – D (5 MARKS QUESTIONS)

8. Check whether the following number is divisible by 2, 4, 5, 8 and 10:
58732755
9. Find the smallest number that is a multiple of all the numbers from 4 to 12 except 5.

SECTION – E (CASE STUDY)	
10.	Favoirite After-School Activity Survey The Class 6 teacher asked 30 students: "What is your favorite thing to do after school?" Here are the answers: Reading, Playing, TV, Playing, Reading, Drawing, Playing, TV, Reading, Playing, Drawing, Playing, TV, Reading, Playing, Drawing, Playing, Reading, TV, Playing, Reading, Drawing, Playing, TV, Playing, Reading, Playing, Drawing, TV, Playing Based on the above information,answer the following questions: - Make a Frequency Table to show the above data - Which activity is the most favorite in Class 6? - How many more students prefer Playing than Drawing? - The school wants to start 1 new after-school club. Based on this data, which club should they start first? Give 1 reason from your answer.