SYLHET CADET COLLEGE
FIRST TERM-END EXAMINATION - 2024

Set | A

CLASS: XII
MULTIPLE CHOICE QUESTIONS   **Subject Code:** | 1 | 3 | 0
STATISTICS FIRST PAPER
TIME – 25 minutes
FULL MARKS – 25

[N.B. – Answer all the questions. Each question carries ONE mark. Block fully, with a black ball- point pen, the circle of the letter that stands for the correct/best answer in the "Answer sheet" for the Multiple Choice Questions.]
Candidates are asked not to leave any mark or spot on the question paper.

1. **What is the value of $\sum(x_i + 4)$ if x = {2,3}?**

(a) 23   (b) 47   (c) 22   (d) 13

2. **Which of the following is an example of an ordinal scale?**

(a) Temperature   (b) IQ Score   (c) Educational Level   (d) Weight

Answer the next three questions based on the following information.

The values of x_i and f_i are given below:

x_i	1	2	3	4
f_i	2	3	4	1

3. **Find $\sum_{i=1}^{4} f_i x_i$.**

(a) 20   (b) 21   (c) 22   (d) 24

4. **Compute $\sum_{i=1}^{4} f_i x_i^2$.**

(a) 30   (b) 35   (c) 66   (d) 64

5. **Determine $\sum_{i=1}^{4} f_i^2 x_i$.**

(a) 74   (b) 49   (c) 78   (d) 65

"We are drowning in information and starving for knowledge." – Rutherford David Rogers

Answer Key

1. (d) 13

2. (c) Educational Level

3. (d) 24

4. (c) 66

5. (a) 74

1. (d) 13

2. (c) Educational Level

3. (d) 24

4. (c) 66

5. (a) 74