

[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 Examination.]

Candidates are asked not to leave any mark or spot on the question paper.

1. If $x_1 = 2, x_2 = 3, x_3 = 5, x_4 = 7$ and $y_1 = 3, y_2 = 4, y_3 = 5, y_4 = 8; \sum_{i=2}^4 x_i y_i = ?$

(a) 14 (b) 201 (c) 93 (d) 109
2. Question

(a) Choice (b) Choice (c) Choice (d) Choice
3. If a coin is tossed thrice, what is the probability of getting at least one head?

(a) $\frac{1}{8}$ (b) $\frac{1}{4}$ (c) $\frac{3}{8}$ (d) $\frac{7}{8}$
4. When tossing a coin 5 times, what is the probability of getting exactly 3 heads?

(a) 3 (b) When tossing a coin 5 times, what is the probability of getting exactly 3 heads? (c) $\frac{10}{32}$ (d) $\frac{16}{32}$

Answer Key

1. (c) 93

3. (d) $\frac{7}{8}$

4. (c) $\frac{10}{32}$

2. (a) Choice