

UNIT 19 *Probability of One Event*

CSEC Multiple Choice Questions

For each of these questions, choose the option (A, B, C or D) that is TRUE.

1. A bag contains 7 RED sweets, 5 GREEN sweets and 8 BLUE sweets. One sweet is taken out. What is the probability that the sweet is red or green?

(A) $\frac{5}{20}$

(B) $\frac{7}{20}$

(C) $\frac{12}{20}$

(D) $\frac{15}{20}$

- 2.



J\$5



J\$10



J\$20



J\$10



J\$20



J\$5



J\$10



J\$20



J\$20



J\$5

These coins are in a box. One coin is taken out at random. What is the probability that it is a J\$20 coin?

(A) $\frac{3}{10}$

(B) $\frac{2}{5}$

(C) $\frac{1}{2}$

(D) $\frac{2}{3}$

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3. The table shows the distribution of the ages of 25 students.

Age	11	12	13	14	15	16
No. of students	6	3	5	4	4	3

What is the probability that a student chosen at random is AT LEAST 13 years old?

- (A) $\frac{4}{25}$
- (B) $\frac{5}{25}$
- (C) $\frac{11}{25}$
- (D) $\frac{16}{25}$
4. In a box, there are 3 white, 4 red and 2 blue marbles. What is the probability that a marble taken at random is NOT blue?
- (A) $\frac{1}{9}$
- (B) $\frac{2}{9}$
- (C) $\frac{7}{9}$
- (D) $\frac{8}{9}$

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ANSWERS

1. C
2. B
3. D
4. C