

COUNTING & PROBABILITY (Q 6, PAPER 2)

LESSON NO. 3: SIMPLE PROBABILITY

2007

- 6 (a) One letter is chosen at random from the letters of the word EUCLID.
- (i) Find the probability that the letter chosen is D.
 - (ii) Find the probability that the letter chosen is a vowel.

2003

- 6 (a) I write down today's date as 09062003 and then select one of the digits at random.
- (i) What is the probability that I select the 9?
 - (ii) What is the probability that I select an odd digit?

1998

- 6 (a) One letter is chosen at random from the letters of the word LEAVING.
- (i) Find the probability that the letter chosen is L.
 - (ii) Find the probability that the letter chosen is a vowel.

ANSWERS

2007 6 (a) (i) $\frac{1}{6}$ (ii) $\frac{1}{3}$

2003 6 (a) (i) $\frac{1}{8}$ (ii) $\frac{1}{4}$

1998 6 (a) (i) $\frac{1}{7}$ (ii) $\frac{3}{7}$