PLEASE NOTE: **IF YOU HAVE THE OPINION THAT INSUFFICIENT INFORMATION IS SUPPLIED FOR YOU TO ANSWER A PARTICULAR QUESTION, MAKE A REALISTIC ASSUMPTION, MOTIVATE IT AND THEN ANSWER THE QUESTION.**

QUESTION 1   **OSCILLOSCOPES**

1 1   Consider Figure 1 below and calculate the required parameters listed below
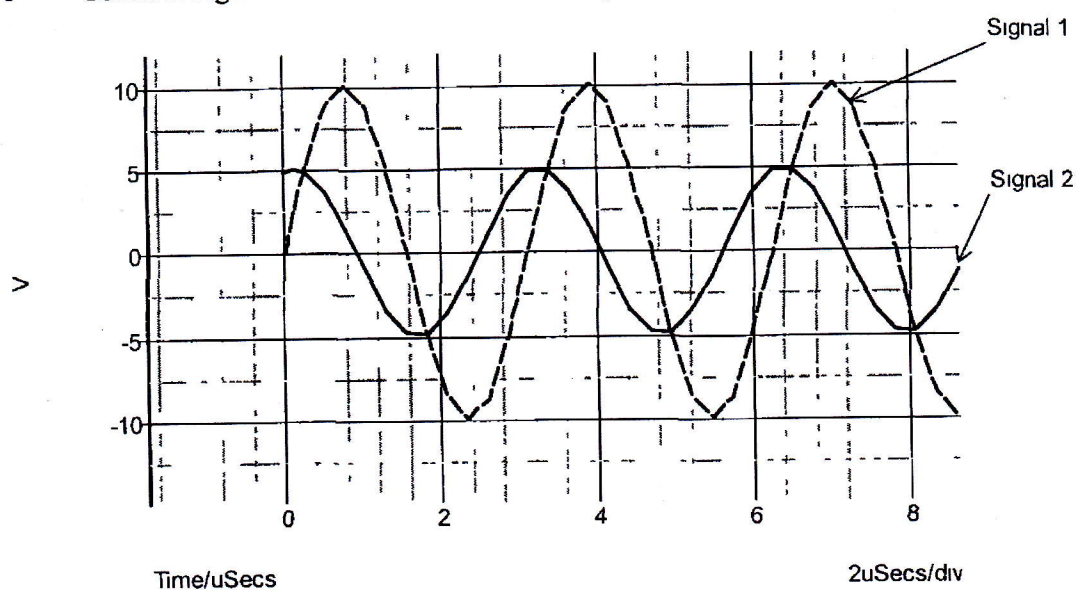

Figure 1 Oscilloscope display of two sine waves

1 1 1	Peak-to-peak voltage of Signal 2	(1)
1 1 2	RMS voltage of Signal 2	(1)
1 1 3	Peak-to-peak voltage of Signal 1	(1)
1 1 4	Average voltage of Signal 1	(1)
1 1 5	Frequency of Signal 1	(1)
1 1 6	The power (W) dissipated in a 50 Ω load if Signal 1 is measured across the load	(1)

[TURN OVER]