

ITS323 – Quiz 2

Name: _____

ID: _____

Mark: _____ (out of 10)

Question 1 [3 marks]

- a) Draw a plot of the following signal in the frequency domain. [2 marks]

$$s(t) = 6 \sin(1200 \pi t) + 2 \sin(3600 \pi t) + \frac{6}{5} \sin(6000 \pi t)$$

- b) What is the absolute bandwidth of the signal? [1 mark]

Question 2 [1 mark]

The wireless link from SIIT Bangkadi to SIIT Rangsit is an example of (multiple choice):

- (a) Terrestrial Microwave (b) Satellite Microwave (c) Broadcast Radio

