



- (g) Differentiate between internet and intranet. (3)

**PART – II**

2. (a) Explain the purpose of data bus, address bus and control bus. (6)

- (b) Explain any two network topologies. (4)

3. (a) Find the equivalent of the number given on the left hand side in the base given on right hand side. (4)

(i)  $(111011.10)_2 = (\dots\dots\dots)_{10}$

(ii)  $(76.2)_8 = (\dots\dots\dots)_2$

(iii)  $(109)_{10} = (\dots\dots\dots)_{16}$

(iv)  $(BF.2)_{16} = (\dots\dots\dots)_8$

- (b) Explain the functions of following : (6)

(i) Router

(ii) Gateway

4. (a) Explain different types of Printers. (6)

- (b) Differentiate between RAM and ROM. (4)

5. (a) Write short notes on : (6)

(i) Web Browser

(ii) Email

(iii) Uniform Resource Locator

- (b) Explain the booting process. (4)

6. (a) What are expansion slots ? Name any three. (4)

- (b) List the features of any two input devices. (6)