



4. Either:
- a) Describe types of Network. 5
  - b) Write about social and Ethical issues in the age of IT. 5

**OR**

- c) What is search engine? Give its example. 5
  - d) Explain BUS Topology with suitable diagram. 5
5. Solve all questions:-
- a) Convert:- 2½  
 $(DAAD)_{16} = (?)_2$
  - b) Is a Joystick an input or output device? Illustrate and justify your answer. 2½
  - c) What is multitasking? Explain its merits. 2½
  - d) What is URL? Give example. 2½

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