2316   **180**

Class – BA/B.Sc-VIth Sem.

Subject – Computer Science

Time Allowed : 3 Hours   Maximum Marks : 75

Note:-   Attempt any 5 questions.

1. What kind of transmission media is used in computer networks? Write in detail about any two types of transmission media giving their relative merits & demerits.   15

2. Explain TCP/IP model in detail.   15

3. What are various stages in development of system? Discuss in detail the key activities performed in each phase.   15

4. What do you mean by client server architecture? Discuss in detail.   15

5. Define an Information system? Is a computer based information system better than manual information system ? Justify your answer.   15

6. What is the need of Network operating system? Explain its components.   15

7. Explain Multiuser, Multitasking & Multiprogramming operating system. Give comparison also.   15

8. Write short notes on :-

   (i)   Expert system

   (ii)   Uses of Internet

   (iii)   Modem   5+5+5 = 15

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