T64/A01121/EE/20160709

Time : 3 Hours   **Marks : 80**

Instruction :

1. All Questions are Compulsory.
2. Each Sub-question carry 5 marks.
3. Each Sub-question should be answered between 75 to 100 words. Write every questions answer on separate page.
4. Question paper of 80 Marks, it will be converted in to your programme structure marks.

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1. Solve any **four** sub-questions.
   - a) Explain how the use of computers has affected the traditional architectural process for designing and visualization.   5
   - b) Explain how applications of computers become helpful for statistical data collection and for design sharing and presentation.   5
   - c) What would you consider as 'Excellent' configuration for a high end workstation?   5
   - d) Illustrate with examples two important configuration for high end computers.   5
   - e) Evaluate the parameters of selecting Hardware, Software and peripherals for mid-size architectural firm.   5

2. Solve any **four** sub-questions.
   - a) Critically analyze the use of Computer Graphics and its issues in Architectural planning.   5
   - b) What are different types of network (LAN, WAN) configurations?   5
   - c) Illustrate with examples, the advantages of one configurations over others.   5
   - d) What kind of statistical data and information can GIS, GPS and MIS provide for architectural planning?   5
   - e) State the merits and demerits of GIS and GPS systems.   5

3. Solve any **four** sub-questions.
   - a) What are different systems that constitute typical Building Management Systems (BMS)?   5
   - b) What is 'Bell curve' graph? Where is it useful in statistical data?   5
   - c) Discuss the role of graphic card in graphic software. How do they help?   5
   - d) What is the difference between original and pirated software?   5
   - e) What is an operating system of a computer and why is it required?   5

4. Solve any **four** sub-questions.

    a)   What is Internet? How does Internet work?   5

    b)   Explain the advantages and disadvantages of the Internet.   5

    c)   What is www?   5

    d)   What is local area networking? What are the objectives of local area networking?   5

    e)   What do you understand by the term server and the configuration currently used for computing servers?   5

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