

सत्रीय कार्य / Assignment Work – 2013-14

B.Sc. (CS) (FINAL YEAR)

Max Marks – 30

Min Marks-12

निर्देश : सत्रीय कार्य के प्रत्येक विषय में कुल 30 अंक हैं। सभी प्रश्नों के अंक समान होंगे। सभी प्रश्न हल कीजिए। (Assignment Work of each paper carries 30 Marks. All questions carry equal marks. Attempt all questions.)

COMPUTER ORGANIZATION AND ARCHITECTURE – I

1. What do you mean by Digital Computers?
2. What do you mean by number system? Explain different types of number system.
3. What do you mean by Don't care conditions.1
4. Describe the various types of processors.
5. Explain the various data transfer modes.

MULTIMEDIA SYSTEMS – II

1. Explain the different graphics standards.
2. Write short notes on:-
(a) Flat Panel Display (b) Plasma Panel Display.
3. What do you mean by composite transformation? How is it useful ?
4. What is windowing and clipping?
5. What is segment? Explain the necessity of segments in the display file.

INTERNET TECHNOLOGY AND WEB APPLICATION – III

1. What do you mean by internet service provider. Name some internet service provider? Write about anatomy of internet.
2. What is modem? Explain Narrow band modem.
3. What is e-mail. Describe the limitation of e-mail? Differentiate between POP and IMAP.
4. What are the advantages of a Website? Difference between dynamic and static websites.
5. What is standard layout of any basic HTML page? How do you create tables using HTML.

COMPUTER NETWORKS - IV

1. Distinguish between analog & Digital signaling.
2. List Out different types of NICs ?
3. Explain Network hardware.
4. What are the attributes of Firewall?
5. What is a Transposition cipher?

DBMS CONCEPTS - V

1. What are the management function of DBMS ?
2. Giving example, describe the following:
(a) Specialization (b) Generalization
3. What are relation-based operations of relational algebra ? Explain with the help of example.
4. What do you mean by Query Processing ? Explain.
5. What do you mean by transaction? Explain with the help of event trace diagram.

COMMUNICATION SKILL - VI

1. Explain Communication Technology and Media.
2. Define objective of information and Explain importance of information.
3. Define importance of grapevine communication.
4. Write short on the following :-
(i) Sorio- Psychological Barriers (ii) Organizational Barriers (iii) Personal Barriers.
5. Write a note on committee and Define advisory committee and its functions.