Roll No. _____ *To be filled in by the candidate* | **(For all sessions)**

Computer Science (Essay Type)

Time: 2:10 Hours

Section-I

Marks: 60

2. Write short answers of any six parts from the following.

2 x 6 =12

  i. Why a trackball should be used instead of mouse?

  ii. What is video input?

  iii. How does barcode reader work?

  iv. Define pixel.

  v. What is groupware?

  vi. Differentiate between Intranet and Extranet.

  vii. Write any two functions of Network layer.

  viii. Define Word processor.

  ix. Differentiate between Undo and Redo commands.

3. Write short answers of any six parts from the following.

2 x 6 =12

  i. How does data flow in simplex mode?

  ii. How data are represented in computer?

  iii. How would you define modulation?

  iv. Why does DRAM uses more power?

  v. What is the purpose of CPU registers?

  vi. Define data bus.

  vii. How would you define an interrupt?

  viii. How would you compare active and passive cells?

  ix. How would you enter function in MS-EXCEL?

4. Write short answers of any six parts from the following.

2 x 6 =12

  i. Describe Video-Conferencing.

  ii. Define Documents Management System.

  iii. How Computer can be useful in marketing?

  iv. What is a Chernobal Virus?

  v. Why it is necessary to update antivirus programs periodically?

  vi. Describe Command Line Operating System with example.

  vii. Write the use of Start Button.

  viii. Differentiate between Webpage and Website.

  ix. Define IP Addressing.

Section -II

Note: Answer any three questions from the following.

8x3=24

5. What is the concept of Software? Describe the classification of software.

2+3+3 08

6. Define Computer Networks and briefly describe the different compoents of Computer Network.

08

7. Define encoding scheme. Discuss any three coding schemes.

2+2+2+2 08

8. Write down any Four main components of Computer System?

08

9. What do you mean by data security? Discuss any six ways of security violation.

2+1+1+1+1+1+1 08

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