

Roll No. _____ To be filled in by the candidate

(For all Sessions)

Computer Science (Essay Type)

Time: 2:10 Hours

Marks: 60

Section -I

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

2 x 6 =12

- i. Differentiate between Soft copy and Hard copy.
- ii. Why does application software need operation system?
- iii. Enlist any four phases of SDLC.
- iv. What is network protocol?
- v. State the purpose of telecommunication.
- vi. How is data transmitted in asynchronous transmission?
- vii. Differentiate between intranet and extranet.
- viii. What is broadband?
- ix. Define demodulation. Why is it necessary?

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

2 x 6 =12

- i. What is online Education?
- ii. How computer can be useful in weather forecasting?
- iii. Define Desktop Publishing.
- iv. Write down the purpose of A.L.U.
- v. List any two activities performed by control unit.
- vi. Why RAM is called Volatile Memory?
- vii. What is the purpose of Fetch instruction?
- viii. What types of devices are connected using serial port?
- ix. Who is Hacker?

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

2 x 6 =12

- i. What is Plug & Play feature of windows?
- ii. Why a computer system needs an operating system?
- iii. What is Chart?
- iv. Define page orientation in Microsoft Word.
- v. Differentiate between undo and Redo commands.
- vi. Describe alignment in paragraph.
- vii. Enlist four functions used in MS Excel.
- viii. Define Web Publishing.
- ix. What is e-mail address? Give an example.

Section -II

Note: Answer any three questions from the following.

8x3=24

- 5. Define Non-Impact Printers. Also explain Laser Printer and Thermal Printer in detail. 08
- 6. What is Network (Computer Network)? Write in detail types of Network Models (Client server, peer to peer and Hybrid). 08
- 7. What is Unguided Media? Explain Microwave and Communication Satellite. 08
- 8. Define language translator. Explain its different types. 08
- 9. Briefly discuss any four threats or violations to data security. What are the solution to these threats or violations. 08

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