

SECTION – I

2. Write short answers to any SIX (6) questions :

12

- (i) Convert 320 MB into bytes.
- (ii) Write the purpose of data analysis in SDLC.
- (iii) How tree topology is constructed?
- (iv) How does Ethernet Protocol Work?
- (v) Define DSL. Is DSL is alternative to ISDN.
- (vi) What is the purpose of presentation layer?
- (vii) List two advantages of Bus topology.
- (viii) Represent digital signal with the help of diagram.
- (ix) Write two difference between base band and broad band.

3. Write short answers to any SIX (6) questions :

12

- (i) Why cache memory is made using SRAM chips?
- (ii) Why I/O unit is used to control processor's communication with I/O devices?
- (iii) What are data transfer instructions?
- (iv) Define instruction register.
- (v) Describe two ways of spreading virus.
- (vi) How data security is important?
- (vii) List down two biometrics techniques.
- (viii) Why search engines are used over the internet?
- (ix) What is an IP address?

4. Write short answers to any SIX (6) questions :

12

- (i) What is the function of spell checkers in full featured word processor?
- (ii) How Undo and Redo commands are used in MS-Word?
- (iii) Define paragraph indentation.
- (iv) What is the use of clipboard in MS-Word?
- (v) Write the name of two states of a cell in MS-Excel?
- (vi) Write formula to find percentage when total is in A2 and obtained marks is in B6.
- (vii) Write a function to add values in cell D1, D2, D3, D4, D5, D6, D7, D8 and D9, in Excel.
- (viii) Write a function to find square root of a value in cell A10 in Excel.
- (ix) What is a chart in Excel?

SECTION – II

Note : Attempt any THREE questions.

- 5. Define non-impact printers. Describe different types of non-impact printers. 8
- 6. Explain Asynchronous and Synchronous transmission. 4,4
- 7. Explain, how computers can be useful in business? 8
- 8. What is operating system? Explain any six functions of operating system. 2,6
- 9. Write a note on Mouse Events and Keyboard Events. 8