

2011

Session: 2010-11

Subject Code: III

Time : 3 Hours

Paper : CHN / 1 / III / 11

Full Marks : 80

Candidates are required to give their answers in their own words as far as practicable.

The figure in the margin indicates full marks.

Answer from both the groups as directed.

**GROUP - A**

*(Objective Type Questions - Compulsory)*

Q.No. 1. Choose the correct answer of the following:

2 x 10 = 20

1. Which of the following does NOT describe the functions of a mouse
  - a) Has a set of keys
  - b) Is a pointing device
  - c) Has a rubber ball underneath
  - d) Left button is used to select text
  
2. Which of the following devices is most suitable for signaling that there is smoke in the area?
  - a) A sensor
  - b) A mouse
  - c) An OCR Reader
  - d) A thermometer
  
3. When a floppy disk is formatted, all data is .....
  - a) Copied to the disk
  - b) Deleted from the disk
  - c) Read from the disk
  - d) Saved to the disk
  
4. A network .....
  - a) Organizes data among computers
  - b) Allows users to obtain data from a central computer
  - c) Receives data from one computer
  - d) Enables two or more computers to communicate

5. What is the name of the folder that houses the web page in the following URL:  
<http://www.oup.com/itforcsec/index.htm>
- http
  - www.oup.com
  - itforcsec
  - index.htm
6. An example of a presence check is .....
- Examining whether or not a field is the required type in a date field
  - Requiring a user to enter his or her e-mail address twice
  - Testing that only letters are entered in a name field
  - Ensuring that numbers are positive in a quantity ordered field
7. A security buffer between a company's private network and all external networks is called a .....
- Firewall
  - Password
  - Printer
  - Virus
8. In a ..... network, all nodes are connected to a central hub
- Bus
  - Star
  - Ring
  - Local
9. While working with Ms-Dos which command transfers a specific file from one disk to another?
- Copy
  - Diskcopy
  - Time
  - Rename
10. Which of the following is not an example of an Application Software?
- MS-Word
  - Screen saver program
  - Operating system
  - Antivirus program

### GROUP - B

#### (Long Answer Type Questions)

Answer any *four* questions. Each question carries 15 marks.

- Q.No. 2. What is meant by Graphical User Interface? Bring out the features to be considered in the design of Cache memory.

- o. 4. What is the difference between software & hardware? List out any five software & hardware and explain the use of each one?
- Q.No. 5. What are the five basic operations performed by any computer system? Draw a block diagram to illustrate the basic organization of computer system and explain the function of various units.
- Q.No. 6. What is a virus? Explain the problem created by a virus? List some popular virus.
- Q.No. 7. What do you mean by language translator? Define different types of language translator. What will be impact on computer system when language translator is not used?
- Q.No. 8. What do you mean by system restore & safe mode? Write the step for restoring the window in their previous state.
- Q.No. 9. What do you mean by security threats? How can we save our computer system from these security threats?

