CS/B.Tech/APM/SEM-7/APM-701/2012-13

2012
INFORMATION TECHNOLOGY IN APPAREL INDUSTRY

Time Allotted : 3 Hours   *Full Marks :* 70

The figures in the margin indicate full marks.

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

GROUP – A
(Multiple Choice Type Questions)

1.   Choose the correct alternatives for the following :

$$10 \times 1 = 10$$

i)   The digital Middleman does the work of a/ an

   a)   virtual community

   b)   virtual shop

   c)   e-mail.

ii)   Which of the following is a network Protocol ?

   a)   Ethernet   b)   Xmodem

   c)   HTTP   d)   All of these.

iii) WAN stands for

    a)   Wire And Network

    b)   Widely Accessible Network

    c)   Wide Area Network

    d)   Wide Accessible Network.

iv) Which of the following is not a multi-user operating system ?

    a)   DOS   b)   UNIX

    c)   MVS   d)   All of these.

v) Which of the following is an example of systems software ?

    a)   Word Processors   b)   Spread sheets

    c)   Games   d)   None of these.

vi) World wide web is made of documents created with a language called

    a)   HTML   b)   URL

    c)   HTTL   d)   HTRL.

vii) Which of the following loses its contents when the computer is turned off ?

    a)   RAM   b)   ROM

    c)   PROM   d)   All of these.

viii) Data Mining

    a)   inspects large amount of data and brought to the person during mining

    b)   predicts future rend, allowing business to make knowledge driven design

    c)   helps companies focus on the most important data in data warehouse.

ix) PLM software is a

    a)   CAD software

    b)   CAM software

    c)   Combination of CAD, CAM, PDM

    d)   PDM software.

x) The binary number 1·001 when converted to its decimal equivalent is equal to .... in decimal system.

    a)   15

    b)   1·150

    c)   1·125.

GROUP – B

Answer any *three* of the following.   3 × 5 = 15

2. Describe the principle of draping simulation of garment on human being. Name two typical softwares used for formulation.   4 + 1

3. Describe 3D wire fame Mannequin used in 2D to 3D CAD.   5

4. What is World Wide Web ? How is it different from the internet ?   5

5. What is HTTP and how does it work ? What is URL ?   5

6. List four significant differences between a file processing system and a DBMS.   5

GROUP – C

(Long Answer Type Questions)

Answer any *three* of the following.   3 × 15 = 45

7. Write are the advantages of a data warehouse. Describe the components of a data warehouse with suitable diagram. What is the structure of data warehouse ? Mention some uses of data warehouse in a Garment Industry.

    3 + 5 + 5 + 2

8. Define Internet and Intranet. Explain it with reference to a Garment Industry. Describe dial-up and direct connections in Internet. Write their advantages. Describe TCP/IP. Explain IP address   2 + 1 + 5 + 3 + 2 + 2

9. Describe PDM systems used in Garment Industry.   15

10. Describe LAN and WAN. What is a network topology ? Describe different types of network topologies, network protocols, network architectures.   4 + 1 + 10