Name : ....

Roll No. : ....

Invigilator's Signature : ....

CS/B.TECH(APM)/SEM-7/APM-701/2011-12

2011

INFORMATION TECHNOLOGY IN APPAREL INDUSTRY

Time Allotted : 3 Hours   *Full Marks* : 70

The figures in the margin indicate full marks.

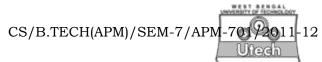*Candidates are required to give their answers in their own words*

as far as practicable.

GROUP – A
(Multiple Choice Type Questions)

1.   Choose the correct alternatives for the following : $10 \times 1 = 10$

   i)   Which of the following is a telecommunication processor ?

   a)   Modem   b)   Multiplexer

   c)   Concentrator   d)   All of these.

   ii)   One way of protecting the *e*-mail message is

   a)   Caching   b)   Mirroring

   c)   Encryption   d)   Shadowing.

iii) Data Mart is a subset of

    a) operational database   b) data warehouse

    c) archives   d) summarized data.

iv) What language defines the different aspects of a web page including heading levels, hypertext links to other resource ?

    a) HTML   b) HTRL

    c) HTTL   d) HTPL.

v) Which of the following is a network protocol ?

    a) Ethernet   b) X modem

    c) HTTP   d) All of these.

vi) The hexadecimal equivalent to the decimal number of 888 is

    a) $3AD$ b) 378

    c) $DE5$ d) $9A43$.

vii) Web is a huge collection of .... information linked to each other around the globe.

    a) pages   b) website

    c) html   d) none of these.

viii) The 'SYMCAD' Turbo Flash/3D takes more than .... of the human body.

    a)   120 measurements   b)   70 measurements

    c)   100 measurements   d)   150 measurements.

ix) MTM clothing system is suitable for

    a)   mass customisation of product

    b)   reduction of defects in clotting

    c)   accurate measurement of markers

    d)   visual check of patterns.

x) Which of the following is not a multiuser operating system ?

    a)   DOS   b)   UNIX

    c)   MVS   d)   All of these.

GROUP – B

(Short Answer Type Questions)

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

2. Name different types of software used in Garment Industry and its purposes.

3. What is the advantage of using RFID technology in Garment Industry ?

4. Describe computerised 3D body measuring system.

5. What is search engine ? Give the list of most popular search engines.

6. What is cloud computing ? How is it used in CAD ?   2 + 3

7. Describe organisation of design data in PDM system.

8. Describe a suitable distributed multibranch system.

GROUP – C
(Long Answer Type Questions)
Answer any *three* of the following.   3 × 15 = 45

9. Describe different types of network. Define network topology. Describe the topology. Which type of network is used to connect the factory of different countries ?   8 + 2 + 3 + 2

10. What are the most commonly used internet protocols ? Describe TCP/IP, FTP, HTTP systems. Give examples of each protocols with respect to Garment manufacturing unit.

    4 + 9 + 2

11. Describe the principle of 3-dimensional skirt simulation.

12. Describe e-commerce and its application in apparel industry.

13. What is OLAP system ? Describe data warehouse component. What is structure of data warehouse ? What is Morphing in multimedia ?   3 + 5 + 5 + 2

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