



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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