

B.Sc. FOOTWEAR TECHNOLOGY (BSCFWT)

Term-End Examination

00281

December, 2017

BFW-037 : COMPUTER SCIENCE

Time : 3 hours

Maximum Marks : 70

Note : *There are two sections, Section A and Section B.
Attempt any **five** questions from Section A.
Section B is **compulsory**.*

SECTION A

5×10=50

1. What are the characteristics of different types of memories in a computer system ? Classify the identified memories of the computer system based on their functionality.
2. What is Star Topology ? Explain various network topologies.
3. Write short notes on any **two** of the following :
 - (a) LAN
 - (b) WAN
 - (c) MAN
4. Distinguish between programming language and machine language with the help of a suitable example.

5. Differentiate between System software and Application software. Give suitable example for each.
6. Discuss the following with suitable examples :
 - (a) Single User Computer System
 - (b) Multi User Computer System
7. What is an Operating System ? Explain the various functions of an operating system. Give examples of open source operating systems and proprietary operating systems.
8. Differentiate between Internet and Intranet. Give infrastructural requirements for preparing an Intranet.

SECTION B

10×2=20

9. (i) What is the symbol used for absolute reference in MS-Excel ?
 - (a) %
 - (b) &
 - (c) #
 - (d) None of the above
- (ii) Which of these is *not* a primary storage device ?
 - (a) Hard disk
 - (b) Cache memory
 - (c) RAM
 - (d) None of the above

- (iii) Which of the following languages make use of only 0's & 1's ?
- (a) Machine language
 - (b) Java
 - (c) Assembly language
 - (d) C++
- (iv) BCD stands for
- (a) Binary Coded Decimal
 - (b) Buffer Coding Device
 - (c) Binary Cluster Data
 - (d) None of the above
- (v) In Word 2010, Mail Merge can be found under the tab
- (a) Mailing
 - (b) Review
 - (c) Insert
 - (d) None of the above
- (vi) What is the size of an IP address ?
- (a) 32 bits
 - (b) 16 bits
 - (c) 64 bits
 - (d) None of the above

- (vii) Which of the following protocols is used to receive e-mails from a remote server to a local e-mail client ?
- (a) SMTP
 - (b) FTP
 - (c) POP 3
 - (d) HTTP
- (viii) Which of the following converts a piece of code into an intermediate code before converting it into a machine code ?
- (a) Compiler
 - (b) Interpreter
 - (c) Translator
 - (d) None of the above
- (ix) Which of the following networks is designed for a limited number of users only ?
- (a) Intranet
 - (b) Internet
 - (c) Both (a) and (b)
 - (d) None of the above
- (x) Which of the following is an example for a typical C2C e-commerce model ?
- (a) Flipkart
 - (b) OLX
 - (c) Ebay
 - (d) None of the above
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