

B.Sc. FOOTWEAR TECHNOLOGY (BSCFWT)

Term-End Examination

June, 2015

00300

BFW-037 : COMPUTER SCIENCE

Time : 3 hours

Maximum Marks : 70

Note :

- (i) There are **two** sections – Section A and Section B.
(ii) Attempt any **eight** questions from Section A.
Section B is **compulsory**.

SECTION A

8×5=40

- 1.** Give full forms of the following :
- (a) ASCII
 - (b) VDU
 - (c) TCP/IP
 - (d) FAT
 - (e) MS-DOS
- 2.** Draw the functional block diagram of a digital computer system. Explain the functionality of each block.
- 3.** Define Computer Virus. Differentiate between Computer Virus and Computer Worm.

4. What are Computer Network Protocols ? Name a few Network Protocols.
5. What are the different application areas of MS-Excel ?
6. What is cache memory ? Why is it needed ? How is it different from RAM ?
7. What are the differences between data and instruction ?
8. Differentiate between Primary Memory and Secondary Memory.
9. What is multitasking ? How is it different from multiprocessing ?
10. What are the different types of functions in MS-Excel ? Give one example of each type.

SECTION B

11. Select the correct answer from the given alternatives. $15 \times 2 = 30$

- (i) Who is called the father of computer systems ?
- (a) Charles Babbage
 - (b) Von Neumann
 - (c) Alan Turing
 - (d) None of the above
- (ii) CPU in computers is also known as
- (a) Central Junction
 - (b) A memory
 - (c) Brain
 - (d) None of the above
- (iii) URL stands for
- (a) Uniform Reform Locator
 - (b) Unique Resource Location
 - (c) Uniform Resource Locator
 - (d) None of the above

- (iv) _____ is the layer of a computer system between the hardware and the user program.
- (a) Operating System
 - (b) Firmware
 - (c) Application Software Program
 - (d) None of the above
- (v) Which of the following memories allows simultaneous read and write operation ?
- (a) ROM
 - (b) EPROM
 - (c) RAM
 - (d) None of the above
- (vi) Microprocessors, as switching devices, are used for which generation of computers ?
- (a) Third Generation
 - (b) Second Generation
 - (c) Fourth Generation
 - (d) None of the above
- (vii) Pick the one that is used for logical operations or comparisons such as less than, equal to or greater than.
- (a) ALU
 - (b) Memory
 - (c) Control Unit
 - (d) None of the above

- (viii) The term Gigabyte refers to
- (a) 1024 megabytes
 - (b) 1024 kilobytes
 - (c) 1000 megabytes
 - (d) 1024 terabytes
- (ix) In MS-PowerPoint 2007, the default file type is
- (a) ppt
 - (b) ppts
 - (c) pptx
 - (d) pdf
- (x) Which of the following short-cut keys is used to check spelling in MS-Word ?
- (a) F7
 - (b) F1
 - (c) F2
 - (d) None of the above
- (xi) In Word 2007, Mail Merge can be found under the tab
- (a) Mailing
 - (b) Review
 - (c) Insert
 - (d) None of the above

(xii) The default reference concept used in Excel is

- (a) Relative Reference
- (b) Static Reference
- (c) Absolute Reference
- (d) None of the above

(xiii) Excel workbook may have _____ number of worksheets.

- (a) 3
- (b) 4
- (c) n , where n may take any counting number
- (d) None of the above

(xiv) In MS-Excel, a pie chart requires

- (a) One series
- (b) Two series
- (c) Any number of series
- (d) None of the above

(xv) Special effects used with a slide in a presentation are called

- (a) Custom animation
- (b) Present animation
- (c) Transition
- (d) None of the above

