

SH-I/BS/1101/19

**B.Sc. 1st Semester (Honours) Examination, 2019-20****FORESTRY****Course ID : BS1101****Course Code : SH-BS-1101**

Course Title : Information and Communication Technology

**Time: 2 Hours****Full Marks: 50***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**

Very short answer type questions.

1. Answer *any ten* questions from the followings: 1×10=10
- (i) Which of the following are input devices?
- |                 |                  |
|-----------------|------------------|
| (a) Keyboard    | (b) Mouse        |
| (c) Card Reader | (d) All of these |
- (ii) Examples of output devices are
- |             |                  |
|-------------|------------------|
| (a) VDU     | (b) Printer      |
| (c) Speaker | (d) All of these |
- (iii) Which of the following is also known as brain of computer?
- |                                  |                             |
|----------------------------------|-----------------------------|
| (a) Control Unit                 | (b) Central Processing Unit |
| (c) Arithmetic and Language Unit | (d) Monitor                 |
- (iv) IBM stands for
- |                                     |                                       |
|-------------------------------------|---------------------------------------|
| (a) Internal Business Management    | (b) International Business Management |
| (c) International Business Machines | (d) Internal Business Machines        |
- (v) \_\_\_\_\_ translates and executes program at run timeline by line.
- |              |                 |
|--------------|-----------------|
| (a) Compiler | (b) Interpreter |
| (c) Linker   | (d) Loader      |
- (vi) RAM stands for
- |                         |                          |
|-------------------------|--------------------------|
| (a) Random Origin Money | (b) Random Only Memory   |
| (c) Read Only Memory    | (d) Random Access Memory |
- (vii) 1 Byte = ?
- |            |            |
|------------|------------|
| (a) 8 bits | (b) 4 bits |
| (c) 2 bits | (d) 9 bits |

- (viii) SMPS stand for
- (a) Switched Mode Power Supply
  - (b) Start Mode Power Supply
  - (c) Store Mode Power Supply
  - (d) Single Mode Power Supply
- (xi) The device used to carry digital data on analogue lines is called as
- (a) Modem
  - (b) Multiplexer
  - (c) Modulator
  - (d) Demodulator
- (x) VDU is also called
- (a) Screen
  - (b) Monitor
  - (c) Both (a) and (b)
  - (d) Printer
- (xi) BIOS stands for
- (a) Basic Input Output System
  - (b) Binary Input Output System
  - (c) Basic Input Off System
  - (d) All of these
- (xii) Father of “C” programming language
- (a) Dennis Ritchie
  - (b) Prof John Keenly
  - (c) Thomas Kurtz
  - (d) Bill Gates

**Group-B**

Short answer type questions.

2. Answer *any ten* questions from the followings:

2×10=20

- (a) Difference between Static RAM and Dynamic RAM
- (b) Difference between System Software and Application Software
- (c) Define A. V. Aids.
- (d) Difference between DOS and Windows Operating System.
- (e) Define MAN and WAN.
- (f) What is liner communication model?
- (g) What is BIOS?
- (h) What is System Software?
- (i) What is Stylus?
- (j) Write down the name of two web browsers.
- (k) Define GUI.
- (l) Define Multimedia.
- (m) Why MS-Excel is called spread sheet package?
- (n) Define EBCDIC.

**Group-C**

Long type questions.

3. Write down in brief *any four* of the following:

5×4=20

- (a) Describe Berlo's SMCR model.
  - (b) Write short notes on Network Topology.
  - (c) Describe the application of AV Aids.
  - (d) Describe the Block diagram of computer and define briefly.
  - (e) Write a short note on Video Conferencing.
  - (f) Write a short note on FOSS.
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