

**B. SC. FOOD SCIENCE & TECHNOLOGY**  
**SEMESTER-1<sup>ST</sup>**  
**INTRODUCTION TO COMPUTER SCIENCE & APPLICATION**  
**BFST-107**

**Duration: 3 Hrs.**

**Marks: 70**

**Part : A (Objective) = 20**

**Part : B (Descriptive) = 50**

**[ PART-B : Descriptive ]**

**Duration: 2 Hrs. 40 Mins.**

**Marks: 50**

**[ Answer question no. One (1) & any four (4) from the rest ]**

1. Discuss the characteristics of computer. Write some application of computer. 10
2. What do you mean by computer network? Explain various types of networks. 10
3. Explain the term data communication. Discuss the components of data communication. 10
4. What do you mean by hardware, and software? Explain operating system. Give some examples of operating system. 10
5. What is Computer? Give Block Diagram and also explain the 3<sup>rd</sup> & 5<sup>th</sup> generation of Computer. 2+3+5=10
6. Explain Computer Memory and its type with example 10
7. What is system? What are its properties? Explain in details ? 4+6=10
8. What is System Analysis? Differentiate between Data & Information? Define system design. 3+4+3=10

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**INTRODUCTION TO COMPUTER SCIENCE & APPLICATION**  
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**[ PART-A : Objective ]**

**Choose the correct answer from the following :**

**1X20=20**

1. Who is the father of computer?
  - a. Blaise Pascal
  - b. J. Von Neumann
  - c. Charles Babbage
  - d. Gottfried Leibniz
2. Which of the following is not a part of a computer system?
  - a. Mother board
  - b. Key board
  - c. Scanner
  - d. Monitor
3. CPU stands for
  - a. Center Processing Unit
  - b. Central Processing Unit
  - c. Control Processing Unit
  - d. Control Programming Unit
4. Which of the following is not an input device?
  - a. Mouse
  - b. Joystick
  - c. Disk
  - d. Trackball
5. LCD stands for
  - a. Liquid Colour Display
  - b. Light Colour Display
  - c. Lithium Crystal Display
  - d. Liquid Crystal Display
6. The transmission mode which allows both communicating devices to transmit and receive data simultaneously is -----.
  - a. Simplex
  - b. Half-duplex
  - c. Full-duplex
  - d. None of these
7. To see the document before the printout is taken, ----- option should be used.
  - a. Insert Table
  - b. Print Preview
  - c. Paste
  - d. Format Painter
8. Which type of justification aligns text on both the right and left margins of a document?
  - a. Justify
  - b. Center
  - c. Right
  - d. Balanced
9. Which of the following is system software?
  - a. Microsoft Word
  - b. Adobe Photoshop
  - c. Microsoft PowerPoint
  - d. Window's 98
10. ----- is the most commonly used input device.
  - a. Keyboard
  - b. Mouse
  - c. Joystick
  - d. Scanner
11. Which generation of computer uses ULSI technology?
  - a. Second
  - b. Third
  - c. Fourth
  - d. Fifth
12. Which of the following was the first commercial computer developed in the year 1951?
  - a. ENIAC
  - b. EDVAC
  - c. EDSAC
  - d. UNIVAC
13. Which of the followings is not a part of an optical mouse?
  - a. LED
  - b. DSP
  - c. Optical sensor
  - d. CCD
14. Which of the following device is not a media input device?
  - a. Microphone
  - b. Webcam
  - c. Digital Camera
  - d. Graphics tablet



15. Which of the followings is not an output device?

- a. Scanner
- b. Plotter
- c. Printer
- d. Speaker

16. WWW stands for

- a. World Wide Web
- b. Wide World Web
- c. Web Wide World
- d. None of the above

17. Which of the following are components of Central Processing Unit (CPU) ?

- a. Arithmetic logic unit, Mouse
- b. Arithmetic logic unit, Control unit
- c. Arithmetic logic unit, Integrated Circuits
- d. Control Unit, Monitor

18. RAM stands for

- a. Random Access Module
- b. Randomly Accessible Memory
- c. Random Access Memory
- d. None of the Above

19. Who is the founder of Bluetooth

- a. Ericson
- b. Apple
- c. Microsoft
- d. None of the above

20. Verification is a process of

- a. Logout
- b. Login
- c. Access
- d. Authentication

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# UNIVERSITY OF SCIENCE & TECHNOLOGY, MEGHALAYA



**[PART (A) : OBJECTIVE]**

Duration : 20 Minutes

Serial no. of the  
main Answer sheet

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Course : .....

Semester : ..... Roll No : .....

Enrollment No : ..... Course code : .....

Course Title : .....

Session : ..... 2017-18 ..... Date : .....

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**Instructions / Guidelines**

- The paper contains twenty (20) / ten (10) questions.
- Students shall tick (✓) the correct answer.
- No marks shall be given for overwrite / erasing.
- Students have to submit the Objective Part (Part-A) to the invigilator just after completion of the allotted time from the starting of examination.

Full Marks	Marks Obtained
20	

.....  
Scrutinizer's Signature

.....  
Examiner's Signature

.....  
Invigilator's Signature