

Swami Purnanand Degree College of Technical Education

External Examination Assignment 2021

BSc(IT)

Fundamental of computers and information technology (BS-101)

Max. Marks: 70

SECTION-A

Note: Attempt any **four questions** from Section A. Each question carries **7 marks**.

Q1. Explain computer system with characteristics, capabilities and limitations

Q2. Define types of computer system with example

Q3. Explain the following

- sound card
- video card
- network card

Q4. Differentiate the following:

- OMR&OCR
- MICR & Bar code reader
- Primary and secondary storage device

Q5. Differentiate between computer architecture and computer organization with neat and clean diagram

SECTION-B

Note: Attempt any **3 questions** from Section B. Each question carries **14 marks**.

Q1. A) What do you mean by printers and how many types of printers? Define each type with example

B) Define monitor with characteristic and types of monitor

Q2. (a) What do you mean by computer memory define types of memory

(b) What are software and its types with example?

Q.3 (a) define operating system with functions and types

(b) What is programming language? Define assemblers, compilers& interpreter

Q.4 (a) what is the application software? Define types of application software

(b) What do you mean by virus define types of virus, detections and preventions on network