



V.P. & R.P.T.P. SCIENCE COLLEGE  
S.Y.B.Sc. (SEMESTER – III)  
INTERNAL TEST : OCT-2019  
COMPUTER SCIENCE

US03SICT21 : Information and Communication Technology - I

DATE: 11/10/2019

TIME: 03:00am to 04:15pm

MARKS : 25

Q.1 Multiple Choice Question

[05]

1. PCR stands for

- (A) Personal computer register (B) Parallel computing register  
(C) Private connection registers (D) Program control register

2. Which printer is very commonly used for desktop publishing?

- (A) Laser printer (B) Inkjet printer (C) Daisywheel printer (D) Dot matrix printer

3. Need for back-up is for

- (A) Data recovery (B) data process (C) data Analysis (d) none of this

4. In \_\_\_\_\_ topology, if a computer's network cable is broken, whole network goes down.

- (A). Bus (B). Star (C). Ring (D). Mesh

5. In MODEMS

- (A) A digital signal changes some characteristic of a carrier wave  
(B) Several digital signals are multiplexed  
(C) Digital signal is amplified  
(D) None of the above

Q.2 Draw a logical architecture diagram of a computer system. Explain the role of an operating system in it.

[05]

OR

Q.2 What are registers? Name some of the commonly used registers, and briefly describe the function of each.

[05]

Q.3 Explain CRT monitors. State the advantages and Dis-advantages of it.

[05]

OR

Q.3 Write a short note on 1. Scanners, 2. Microphones

[05]

Q.4 Discuss (1) Pen drive (2) Flash Memory Card

[05]

OR

Q.4 What is Backup? Write difference between Main Memory and Backing Storage

[05]

Q.5 Write advantage of computer network.

[05]

OR

Q.5 Explain MESH AND HYBRID topology.

[05]