

P P SAVANI UNIVERSITY

First Semester of B. Sc. (IT) Examination
May 2019

SSIT1030 Computer Applications

21.05.2019, Tuesday

Time: 12:30 p.m. To 3:00 p.m.

Maximum Marks: 60

Instructions:

1. The question paper comprises of two sections.
2. Section I and II must be attempted in separate answer sheets.
3. Make suitable assumptions and draw neat figures wherever required.
4. Use of scientific calculator is allowed.

SECTION - I

Q - 1 Fill in the Blanks. (Any Five) [05]

- (i) The basic component of a first generation computer was _____.
- (ii) Hard disk is a _____ type of Memory.
- (iii) Full form of SRAM is _____.
- (iv) The printed form of output is referred to as _____ and the form of output, which is shown on a display screen, is referred to as _____.
- (v) _____ software scans the hard disk for viruses and removes them.
- (vi) Two types of memory are _____ and _____.
- (vii) VDU is the _____ type of unit in a computer system.

Q - 2 (a) Draw a block diagram to illustrate the basic organization of a computer system and explain the functions of various units of a computer system. [05]

Q - 2 (b) What is the need of partition in a hard disk? Enlist the types of partition. [05]

OR

Q - 2 (a) Describe the significance of main memory in the functioning of computer system. [05]

Q - 2 (b) What do you understand by CPU? Describe various units of CPU in detail. [05]

Q - 3 (a) What are registers? Enlist five registers with their functions. [05]

Q - 3 (b) What is a device driver? What is the role of device driver in a computer system? [05]

OR

Q - 3 (a) What is a system bus? Explain in brief. [05]

Q - 3 (b) Explain the types of operating system. [05]

Q - 4 Attempt the following. [05]

i) What is a touch screen device? Explain any two applications for which the touch screen is most suitable as an input device.

SECTION - II

Q - 1 Answer the following questions. (Any Five) [05]

i) What is the short-cut key of cut and paste option in Microsoft Excel?

ii) You are asked to give presentation on "P P Savani University"; which software will you prefer to prepare this presentation?

- (iii) New Slide option is available in which menu of MS Powerpoint?
- (iv) State the full form of HTML.
- (v) What is a LAN in computer network?
- (vi) What is <p> HTML tag used for?
- (vii) What is intranet?
- Q - 2 (a) Explain Mail Merge in MS Word with proper example. [05]
- Q - 2 (b) What is computer network? Explain network topology. [05]
- OR
- Q - 2 (a) "Requirement gathering phase in software development is necessary." Do you agree? [05]
Justify your answer with proper arguments.
- Q - 2 (b) Explain Software development life cycle. [05]
- Q - 3 (a) Explain dual booting. [05]
- Q - 3 (b) Write a short note on virtualization. [05]
- OR
- Q - 3 (a) Define search engine and give its applications. [05]
- Q - 3 (b) What do you mean by computer security? Explain the different issues related to computer security. [05]
- Q - 4 Attempt the following. [05]
- (i) Design a web page using HTML for "P P Savani University".
