

P P SAVANI UNIVERSITY

First Semester of Diploma Examination

January 2022

IDCE1010 Computer Applications

28.01.2022, Friday

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 same answer sheet.
3. Make suitable assumptions and draw neat figures wherever required.
4. Use of scientific calculator is allowed.

SECTION - I

- Q - 1** Answer the Following: (MCQ/Short Question/Fill in the Blanks) [05]
- (i) ASCII stands for _____
- (ii) State difference between ROM and RAM.
- (iii) What is Supercomputer?
- (iv) Define point and draw devices.
- (v) What is system software?
- (vi) Explain cache memory.
- (vii) Define interpreter.
- Q - 2 (a)** List various output devices. Explain output devices in detail. [05]
- Q - 2 (b)** Draw block diagram of hierarchy of memory. Explain primary memory in detail. [05]
- OR**
- Q - 2 (a)** Define Hardware. Explain various hardware components. [05]
- Q - 2 (b)** List various input devices. Explain input devices in detail. [05]
- Q - 3 (a)** Define Operating System with block diagram. Explain main functions of Operating System. [05]
- Q - 3 (b)** Define virus. Explain various types of virus in detail with suitable example. [05]
- OR**
- Q - 3 (a)** Explain DOS. State advantages and disadvantages of DOS. [05]
- Q - 3 (b)** Explain features of Windows operating system. [05]
- Q - 4** Attempt any one/two. [05]
- (i) Explain steps to create (insert) table in MS-Word with various options along with suitable example.
- (ii) Explain Page Setup and Margin Formatting in MS-Word. Write down various steps and options available in Page Setup.

SECTION - II

- Q - 1** Answer the Following: (any five) [05]
- (i) Differentiate between COUNT and COUNTIF
- (ii) Define multi-media.
- (iii) What do you mean by hyperlink in MS-PowerPoint?
- (iv) State full form of (a) IP and (b) FTP
- (v) What is bandwidth?
- (vi) Define Internet.
- (vii) List various Logical functions available in MS-Excel.
- Q - 2 (a)** List different types of chart available in MS Excel. Explain steps of creating a chart in MS Excel with appropriate example. [05]

Q - 2 (a) List different types of chart available in MS Excel. Explain steps of creating a chart in MS Excel with appropriate example. [05]

Q - 2 (b) Explain following Date & Time Functions of MS Excel with example - (a) DATE, (b) TIME, (c) NOW, (d) TODAY, (e) DAYS [05]

OR

Q - 2 (a) Define Animation. Explain different types of custom animation & transitions available in MS - PowerPoint. [05]

Q - 2 (b) List various methods of creating a presentation. Explain any one method of creating a presentation. [05]

Q - 3 (a) List various applications of multi-media. Explain any three applications in detail with suitable example. [05]

Q - 3 (b) Define computer network. Explain various benefits of computer network. [05]

OR

Q - 3 (a) Explain in detail the concept of (a) LAN, (b) MAN and (c) WAN. [05]

Q - 3 (b) List various application of internet. Explain any two internet application in detail. [05]

Q - 4 Attempt any one: [05]

(i) Define following terms: (a) Server, (b) WWW, (c) Node, (d) URL and (e) Format Painter

(ii) Explain following MS Excel with appropriate example - (a) LOWER, (b) UPPER, (c) PROPER and (d) LEN
