

Dr. Babasaheb Ambedkar Open University
Term End Examination July-2016

Course	: DCA	Total Marks	: 70
Subject Code	: DCA – 101	Duration	: 03 hours
Subject	: Fundamental of Computers & IT	Date	:
		Time	:

Section A

Attempt any Three of the following: (30)

1. What do you mean by computer graphics? Explain the features of computer graphics.
2. Explain the block diagram of computer.
3. Explain the main functions of an operating system.
4. Explain voice recognition systems and the components of voice recognition systems.
5. What do you mean by Dot Matrix Printer? State its advantages and disadvantages.

Section B

Attempt any Four of the following: (20)

1. Differentiate between ink-jet printer and laser printer.
2. Which are the commonly used DBMS packages?
3. Explain the types of software.
4. What was the contribution made by Pascal to computer technology?
5. What is the concept of Batch processing, time sharing and real time system?
6. Explain the use of graphics tablet and web camera.

Section C

(A) Multiple Choice Questions. (10)

1. The language in which computer program is written is known as
 - a. Computer
 - b. Programming Language
 - c. Mouse
 - d. None of these
2. _____ uses supercomputers to track and control space explorations.
 - a. NAASA
 - b. NASSA
 - c. NASA
 - d. None of these
3. The _____ are also called hand held computers.
 - a. Hand Top
 - b. Desktop
 - c. Palm Tops
 - d. None of these

- 4 PDA is Known as
a. Personal Design Assistant b. Personal Digital Assistant
c. Personal Device Assistant d. None of these
- 5 The TWO main types of monitors are:
a. CRC & LCD b. CRT & LCD
c. CRC & CRT d. None of these
- 6 _____ Located at the right side of the keyboard.
a. Function keys b. Numeric keypad
c. Cursor movement keys d. None of these
- 7 The desktop computers are available in _____
a. Horizontal model b. Tower model
c. a & b Both d. None of these
- 8 Which is the example of operating system (OS) .
a. UNIX b. Macintosh
c. LINUX. d. All of the Above
- 9 _____ is widely used for making presentation slides
a. MS WORD b. MS EXCEL
c. POWER POINT d. None of these
- 10 _____ converts movement of mouse into electronic signals.
a. Roller Ball b. Mouse Pad
c. Left Button d. Right Button

(B) True or False. (10)

1. Microcomputers are also known as midrange computers.
2. In batch processing, the computer acts as a standalone unit.
3. The SHIFT, ALT (Alternate) and CTRL (Control) keys are called Function keys.
4. Lap Tops are also called notebook computers.
5. The network operating systems allow computers to communicate and share data across the network.
6. Internet explorer is the example of application software.
7. The keyboard buffer can store Single keystrokes at a time.
8. The LCD monitor also called Flat Panel Monitor.
9. Joystick is the most commonly used Output device for computer games.
10. Optical Character Recognition (OCR) is also called mark sensing.