

Dr. Babasaheb Ambedkar Open University
Term End Examination January – 2019

Course	:	PGDCA	Date	:	13-02-2019
Subject Code	:	PGDCA-101	Time	:	03:00pm to 06:00pm
Subject Name	:	Architecture of Computers	Duration	:	03 Hours
			Max. Marks	:	70

Section A

Answer the following (Attempt any three) **(30)**

1. Explain different types of memory.
2. Explain various chips on mother board.
3. What is SIM card? Explain types and functions of SIM card.
4. What is monitor? Explain LCD Monitor.
5. Explain wired and wireless Modem.

Section B

Answer the following (Attempt any four) **(20)**

1. Describe MAR, MBR, I/O AR, PC and IR Register.
2. Write note on Internal Bus Structure of a Computer.
3. Discuss Fetch-Execute Cycle.
4. Write note on BIOS and chipset.
5. Write note on Mouse.
6. Describe Optical storage (CD/DVD).

Section C

Part – A (Multiple Choice Questions) **(10)**

- 1 The first processor was invented by_____.
A Microsoft B Unix
C Intel D Apple
- 2 Which is not an example of Secondary Memory?
A RAM B Hard Disk
C Floppy D CD
- 3 _____register is placed in ALU and is used at the time of logical operations.
A Instruction B Accumulator
C Stack Control D Flag
- 4 Which is a drawback of cache memory?
A It is much faster. B It uses less working time.
C It stores particular program to be perform for short period. D It has low capacity.
- 5 Smartphone differs ordinary phone in
A features B size
C shape D Model
- 6 The main feature of Digital Camera is:
A catching of videos B capturing live auditions
C capturing moving images D all of these

- 7 Touch screens are not available in:
A game consoles B Smartphone
C zip drives D personal computers
- 8 LED is known as
A Light Emitting Diode Monitors B Light Emitting Diode Motherboard
C Light Editing Diode Monitors D Light Erasable Diode Monitors
- 9 Touchpad in laptop computer serves the use of
A keyboard B mouse
C monitor D printer
- 10 The general network comprises of:
A Sender B Communication Channel Medium
C Receiver D All of above

Part – B (Do as Directed)

(10)

- 1 What is a CRT monitor?
- 2 What is the use of a keyboard?
- 3 State the Advantages and Disadvantages of a pen drive?
- 4 Write the applications of a Digital Camera?
- 5 What do you mean by Input/output devices?
- 6 What is Buffering?
- 7 What is the function of ALU?
- 8 What is a Computer Memory?
- 9 What is the use of a touch pad?
- 10 What is L2 Cache?