

**PGDCAA/DCA/CCA-01**  
December - Examination 2019  
**PGDCAA/DCA/CCA Examination**  
**Basics of Computer**  
**Paper - PGDCAA/DCA/CCA-01**

**Time : 3 Hours ]**

**[ Max. Marks :- 100**

**Note:** The question paper is divided into three sections A, B and C. Write answers as per given instructions.

**Section - A**

**10 × 2 = 20**

**(Very Short Answer Questions)**

**Note:** Answer **all** questions. As per the nature of the question delimit your answer in one word, one sentence or maximum upto 30 words. Each question carries 2 marks.

1. i. What is meant by digital computer?
- ii. What are I/O devices?
- iii. What is Volatile memory?
- iv. What is meant by OMR?
- v. What is a monitor?
- vi. List any two OS components.
- vii. What is a Process Control Block?
- viii. What is internal fragmentation?

- ix. What is disk scheduling?
- x. What is the use of FORMAT command?

**Section - B****4 × 10 = 40****(Short Answer Questions)**

**Note:** Answer **any four** questions. Each answer should not exceed 200 words. Each question carries 10 marks.

- 2. What is software? Explain types of software.
- 3. What do you mean by Random and Sequential Access?
- 4. What are the different types of Printers?
- 5. What is Unicode? Define some encoding mechanisms used in Unicode.
- 6. Enumerate four basic functions of process management.
- 7. Why deadlock avoidance is difficult to implement in practical operating systems?
- 8. What are the main functions of a memory manager?
- 9. What are the internal and external commands in MS-DOS.

**Section - C****2 × 20 = 40****(Long Answer Questions)**

**Note:** Answer **any two** questions. You have to delimit your each answer maximum upto 500 words. Each question carries 20 marks.

10. What is the difference between primary and secondary memory? Give example.
  11. What does MICR stand for? State the functioning of MICR input devices?
  12. Why binary number system is important in representing data in computer? Explain.
  13. What are the disadvantages with linked list being used for disk space management?
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