



18/12/23

DOON UNIVERSITY, DEHRADUN
End Semester Examination, First Semester, 2023
Academic Year 2013-24 (Odd Semester)
School of Social Sciences, Department of Economics
B.Sc. Economics
ECS-101 Basics of Computer Applications

Time Allowed 2:00 Hours

Maximum Marks: 50

SECTION: A (Maximum Marks: 10)

Instructions: All questions are mandatory and carry equal marks. Limit for answer per question is about 25/50 words.

- Question 1: Define mainframe computers.
- Question 2: What are the components of CPU?
- Question 3: What is meant by System Software?
- Question 4: What is meant by a peripheral device?
- Question 5: Define cache memory.

SECTION: B (Maximum Marks: 20)

Instructions: Attempt any four questions. All questions carry equal marks. Limit for answer per question is about 100/250 words.

- Question 1: Distinguish between input and output devices.
- Question 2: Define application software by illustrating its functionality through examples, highlighting the way it interacts with users and other software.
- Question 3: Describe the third-generation computer based on its hardware, software, computing characteristics, physical appearance, and its applications.
- Question 4: What are the key characteristics that differentiate a MAN from LAN and WAN?
- Question 5: What are the key important performed by an operating system?
- Question 6: Differentiate between decimal number system and octal number system.

SECTION: C (Maximum Marks: 20)

Instructions: Attempt any two questions. All questions carry equal marks. Limit for answer per question is about 750 words.

- Question 1: Highlight the difference between microcomputer, minicomputer, mainframe computer and supercomputer.
- Question 2: Write the steps to insert a picture in PowerPoint. What are the things one should keep in mind while making a presentation?
- Question 3: What is the purpose of secondary memory in a computer system, and how does it compliment the primary memory?