



15/12/23

DOON UNIVERSITY, DEHRADUN
End-Semester Examination, 2023
Academic Year 2023-24 (Odd Semester)

School of Technology

Department Name: Computer Science

Programme Name: B.sc (Hons)

Semester: 1

CourseName:Computer Fundamentals (CSC-103)

Code:721113

Time Allowed 2.00 Hours

Maximum Marks: 50

Note: Attempt all questions.

SECTION: A

Q1. Write short notes on the following: -

(2X5=10)

1. FTP
2. Grid Computing
3. Big Data Analytics
4. E-mail as a service
5. Cryptocurrency

SECTION: B

Q2. Give Reasons for the following: -

(4X4=16)

1. How green computing can save our environment? What steps we should take to promote Green Computing? Explain any five precautions.
2. "Blockchain is not a security mechanism nor a Data Base". Give reasons.
3. How smart devices are different from IoT devices? Give reasons.
4. Compare types of Computer networks on the basis of size, scalability, complexity and application.

SECTION:C

Q2. Explain with the help of a diagram.

(8X3=24)

1. What is Blockchain technology? Explain all the components of a Block and Chain.
2. What is Cloud Computing? Explain all types of services in Detail.
3. Define the Internet of Things. Explain the working in Detail. Also define AWS.