Max marks:30

End Semester Examination

SCHOOL OF TECHNOLOGY

DOON UNIVERSITY,DEHRADUN

TMC 101:Computer Fundamentals And PC Tools

<u>Section A</u>   1 x 6

1. Define refreshrate .
2. What is a hub?
3. Name any 2 video standards
4. What is cache memory?
5. Expand a)OMR b)XVGA
6. Hard disk surface is divided into _____ and _____

<u>Section B</u>   3 x 4

Attempt any four questions

1. Give a brief description on Data Mining and IoT.
2. Discuss about types of memory in detail.
3. What is System software? Discuss about different types of system softwares.
4. Explain about Communication as a process .
5. Convert a)$(1100010110110010)_2$ - $?_{16}$ b)$(6012)_{16}$ - $?_{10}$ c) $(2679)_{10}$ - $?_8$

<u>Section C</u>   6 x 2

Attempt any two questions

1. Explain about a)Hard disks b)Database Management Systems c)Keyboard d)Types of networks.
2. Explain about Network topology and its types in detail .
3. Discuss about the generation of computers with characteristics of each.