

**BACHELOR IN PROSTHETICS AND ORTHOTICS**

**THIRD YEAR**

**PAPER I – COMPUTER SCIENCE**

*Q.P. Code: 802431*

**Time: Three Hours**

**Maximum : 100 Marks**

**Answer All questions**

**I. Elaborate on:**

**(3 x 10 = 30)**

1. What are the advantages and disadvantages of CAD CAM system in Prosthetic and Orthotic?
2. Explain about five function keys of Auto Cad.
3. Explain about input and output device of computer system.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Characteristics of computer.
2. Input Devices.
3. Operating system and its function.
4. Network topology.
5. Application and benefit of CAD.
6. Chamfer and fillet.
7. CNC Milling.
8. Computer virus.

**III. Short answers on:**

**(10 x 3 = 30)**

1. Write three usages of computer.
2. What is bar code reader?
3. What do you understand by system software?
4. Write down the features of Microsoft Excel.
5. What is Modem?
6. Write about secondary devices with example.
7. What is difference between Cartesian and polar coordinate system?
8. What are the modifying tools used in Auto CAD software?
9. What you mean by UCS and WCS?
10. Write about Characteristics of digitizer.

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