

[AHS 0321]

MARCH 2021

Sub. Code: 2471

(AUGUST 2020 EXAM SESSION)

**BACHELOR IN PROSTHETICS AND ORTHOTICS****THIRD YEAR (Regulation 2017-2018)****PAPER I – COMPUTER SCIENCE AND GRAPHICAL COMMUNICATION*****Q.P. Code : 802471*****Time: Three hours****Answer ALL Questions****Maximum: 100 Marks****I. Elaborate on:****(3 x 10 = 30)**

1. Orthographic projection and Isometric projection.
2. Computer Operating System.
3. Computer Numeric Control (CNC).

**II. Write notes on:****(8 x 5 = 40)**

1. Central Processing Unit (CPU).
2. Email and Internet.
3. Functions of Word and Power Point software.
4. A point “A” lies on HP and 20mm in front of VP, Draw its projections.
5. A line “AB” of Length 50mm lies 20 mm in-front of VP and 20 mm above HP, Draw its projections.
6. Automation and its Application.
7. Steps to enter text in AutoCAD software.
8. Steps involved in fabrication of socket using CAD / CAM technique.

**III. Short answers on:****(10 x 3 = 30)**

1. Steps to add new slides in MS-PowerPoint.
2. Define: Networking.
3. List different generation of computers?
4. Computer viruses.
5. List few input and Output devices.
6. Uses of Compact Disk (CD).
7. Application of Spread sheets.
8. Steps to draw a circle in AutoCA
9. Steps to use Mirror comman
10. Advantages of CNC Machines.

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