

[AHS 0321]

MARCH 2021

Sub. Code: 2456

(AUGUST 2020 EXAM SESSION)

BACHELOR IN PROSTHETICS AND ORTHOTICS**FIRST YEAR (Regulation 2017-2018)****PAPER VI – BASIC ELECTRONICS***Q.P. Code : 802456***Time: Three hours****Answer ALL Questions****Maximum: 100 Marks****I. Elaborate on:****(3 x 10 = 30)**

1. 3 Resistors are in Series and Parallel.
2. Transducers.
3. Bio-Electricity.

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

1. RMS Value.
2. Semiconductors.
3. Voltage and Current Gain.
4. Oscillators.
5. Surface Electrodes.
6. MCB.
7. Integrated Circuit.
8. Safety Procedure to be followed while servicing the equipment.

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

1. Voltage.
2. Ohm's Law.
3. Direct Current.
4. Sine wave.
5. Frequency.
6. Transforme
7. Doping.
8. Insulators.
9. Amplifie
10. Voltage Regulators.
