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Question Paper Code: 55B02

B.E. / B.Tech. DEGREE EXAMINATION, DEC 2020

Fifth Semester

Biomedical Engineering

15UBM502- DIAGNOSTIC AND THERAPEUTIC EQUIPMENTS-II

(Regulation 2015)

Duration: One hour

Maximum: 30 Marks

PART A - (6 x 1 = 6 Marks)

(Answer any six of the following questions)

1. Before placing the electrodes the skin should be _____ CO1- R
(a) Wet (b) Dry (c) Hairy (d) Oily
2. The Echoencephalogram can involve recording of electrical potential form CO1- R
(a) Groups of neurons via electrodes placed on the scalp (b) Single neurons
(c) Groups of neurons via electrodes inserted into the brain (d) All of the above
3. In respiration, raw material is converted into _____ CO2- R
(a) water only (b) carbon dioxide and energy
(c) water and energy (d) water, carbon dioxide and energy
4. Ventilators are primarily used in CO2- R
(a) Intensive care medicine (b) Home care
(c) Emergency medicine (d) All of the above
5. Electro Retinograph measures CO3- R
(a) Electrical activity of the heart (b) Electrical activity of the brain
(c) Electrical activity of the muscle (d) Electrical activity of the eye
6. Letter F in the EEG electrode placement system denotes? CO3- R
(a) Front (b) Face (c) Frontal Lobe (d) Fast
7. The indications for continuous short wave diathermy is CO4- R

