



AJEENKYA

D Y PATIL UNIVERSITY

End Term Examinations (April 2019)

School: School of Engineering

Program: B.Tech Biomedical Engineering

Course: Biomedical Instrumentation II

Course Code: BME303

Semester: VI

Max Marks: 30

Duration (mins) : 90

Answer any FIVE questions.

Each question carries 2 marks.

Q 1. Write Short notes on:

[20]

- a) Tonometer
- b) PET
- c) Principle of Laser
- d) US-Nebulizer
- e) Doppler's US
- f) Pure-tone audiometer
- g) Cryosurgery

Answer any TWO questions.

[10]

Each question carries 5 marks.

Q 2. Explain :

- a) Electro-dermal activity with block diagram
- b) He - Ne laser with diagram and application
- c) Detailed working and procedure of SPECT