

Q.P.Code: 104015

Reg. No.:.....

First Year BASLP Degree Supplementary Examinations - March 2014

BIOMEDICAL INSTRUMENTATION AND ACOUSTICS

Time : 3 hrs

Max marks : 80

- Answer all questions
- Draw diagram wherever necessary

Essays

(4x10=40)

1. Describe the working of a servo controlled stabilizer.
2. What are the measurable attributes of any sound and explain how they are measured.
3. Describe the parts of an audiometer with block diagram.
4. Explain DSP.

Short notes

(5x5=25)

5. Gating networks
6. Spectrograph
7. Power supplies
8. Electronic filters
9. LED

Answer briefly

(5x3=15)

10. SLM
11. Semiconductor Diode
12. Mels
13. Acoustic impedance
14. UPS
