

Q P Code: 125015

Reg. No.....

**First Semester BASLP Degree Regular/Supplementary Examinations
July 2023**

Electronics and Acoustics

Time: 3 Hours

Max Marks: 75

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw diagrams wherever necessary*

Essays

(4x10=40)

1. Explain the block diagram of DC power supply.
2. How do you measure the ambient noise in an acoustically treated room audiometric room. Explain its working principle.
3. How memory devices are classified. Bring out the difference between memory devices and storage devices.
4. What is analog to digital converter. Explain any one method of conversion.

Short Notes

(5x5=25)

5. Inductor as tele coil.
6. Application of DSP in communication science and disorder.
7. Technique to reduce reverberation.
8. Loud speaker enclosures.
9. Steps to calibrate audiometer.

Answer Briefly

(5x2=10)

10. Semiconductors.
11. Band width.
12. Ambient noise.
13. Counters.
14. Power amplifier.
