

[LD 0212]

AUGUST 2013

Sub. Code: 2303

B.Sc. AUDIOLOGY & SPEECH LANGUAGE PATHOLOGY

FIRST YEAR

PAPER III – INTRODUCTION TO HEARING AND HEARING SCIENCES

Q.P. Code: 802303

Time : Three hours

Maximum : 100 Marks

Answer all questions

I. Elaborate on

3 x 10 = 30

1. Procedures involved in AC and BC testing in PTA
2. Highlight the importance of case history in identifying the cause of hearing loss.
3. Ascending and descending Auditory and vestibular pathways.

II. Write notes on

8 x 5 = 40

1. Binaural hearing
2. Branches of Audiology
3. Phones and sones
4. Masking dilemma in bilateral symmetrical conductive hearing loss
5. Schwabath test
6. Equal Loudness contours
7. MAF and MAP
8. Biological calibration.

III. Short answers on

10 X 3 = 30

1. Action Potentials
2. Cochlear microphonics
3. dL for frequency
4. dL for intensity
5. Head shadow effect
6. Pinna shadow effect
7. Types of masking noise
8. Bing Test
9. Define Masking
10. Interaural Attenuation.
