**[LO 0219]** FEBRUARY 2019 **Sub. Code: 2353**

**BACHELOR IN AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY**

**SECOND YEAR – SEMESTER - III**

**PAPER III – DIAGNOSTIC AUDIOLOGY – BEHAVIORAL TESTS**

***Q.P. Code: 802353***

**Time: Three Hours** **Maximum : 50 Marks**

**Answer All questions**

**I. Elaborate on:** **(1 x 10 = 10)**

1. Construct a central auditory test battery to assess a 13 year old child who has difficulty in listening in class room. Justify.

**II. Write notes on:** **(5 x 5 = 25)**

1. Behavioral and clinical Indicators of functional hearing loss.
2. Types of Bekesy audiogram.
3. Dichotic digit test.
4. Theories and physiological basis of Adaptation.
5. Behavioral tests to assess vestibular function.

**III. Short answers on:** **(5 x 3 = 15)**

1. Malingering.
2. Contralateral interference level.
3. Lombard test.
4. Need for test battery in diagnostic audiology.
5. Glycerol test.

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**[LP 0819]** AUGUST 2019 **Sub. Code: 2353**

**BACHELOR IN AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY**

**SECOND YEAR – SEMESTER - III**

**PAPER III – DIAGNOSTIC AUDIOLOGY – BEHAVIORAL TESTS**

***Q.P. Code: 802353***

**Time: Three Hours** **Maximum : 50 Marks**

**Answer All questions**

**I. Elaborate on:** **(1 x 10 = 10)**

1. Explain various behavioral tests available to differentiate cochlear and retro cochlear pathology.

**II. Write notes on:** **(5 x 5 = 25)**

1. Strenger test.
2. Filtered speech test.
3. Fowlers test.
4. PI- PB function.
5. Johnson Hyperacusis Dynamic Range.

**III. Short answers on:** **(5 x 3 = 15)**

1. Psychogenic causes of hearing loss.
2. Name any three monoaural low redundancy test.
3. Bottle neck and subtlety principles.
4. TEN test.
5. Dix-Hallpike test.

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**[LQ 0220]** FEBRUARY 2020 **Sub. Code: 2353**

**BACHELOR IN AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY**

**SECOND YEAR – SEMESTER - III**

**PAPER III – DIAGNOSTIC AUDIOLOGY – BEHAVIORAL TESTS**

***Q.P. Code: 802353***

**Time: Three Hours** **Maximum : 50 Marks**

**Answer All questions**

**I. Elaborate on:** **(1 x 10 = 10)**

1. Explain various tests available to evaluate cochlear functioning.

**II. Write notes on:** **(5 x 5 = 25)**

1. Brief tone audiometry.
2. Speech in noise test.
3. Pitch pattern test.
4. Lip reading test.
5. Signs and symptoms of vestibular disorders.

**III. Short answers on:** **(5 x 3 = 15)**

1. Temporal Integration.
2. Temporal ordering tasks.
3. Dichotic listening.
4. What is a dead region?
5. Sensitivity and specificity.

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**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

**[AHS 0321] MARCH 2021 Sub. Code: 2353**

**(AUGUST 2020 EXAM SESSION)**

**BACHELOR IN AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY**

**SEMESTER - III (Regulation 2017-2018)**

**PAPER III – DIAGNOSTIC AUDIOLOGY – BEHAVIORAL TESTS**

***Q.P. Code : 802353***

**Time: Three hours** **Answer ALL Questions** **Maximum: 50 Marks**

**I. Elaborate on:** **(1 x 10 = 10)**

1. Various tests to assess the temporal processes of auditory processing.

**II. Write notes on:** **(5 x 5 = 25)**

1. Vestibular Ocular Reflex (VOR).
2. Utility and the procedure for glycerol test.
3. How is dichotic listening assessed?
4. Subject related factors affecting the assessment of CAPD.
5. Bekesy audiometry.

**III. Short answers on:** **(5 x 3 = 15)**

1. Recruitment versus hyperacusis.
2. SPIN.
3. What is a dead region?
4. Cross check principle.
5. Adaptation.

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**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

**[AHS 0222]** **FEBRUARY 2022** **Sub. Code: 2353**
**(AUGUST 2021 EXAM SESSION)**

**BACHELOR IN AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY**
**SEMESTER - III (Regulation 2017-2018)**
**PAPER III – DIAGNOSTIC AUDIOLOGY – BEHAVIORAL TESTS**
***Q.P. Code : 802353***

**Time: Three hours** **Answer ALL Questions** **Maximum: 50 Marks**

**I. Elaborate on:** **(1 x 10 = 10)**

1. Explain behavioural and clinical indicators for functional hearing in detail with suitable examples.

**II. Write notes on:** **(5 x 5 = 25)**

1. Glycerol test.
2. Factors affecting CAPD test battery.
3. Tone decay tests.
4. Signs and symptoms of vestibular disorders.
5. Tinnitus psychoacoustic assessment.

**III. Short answers on:** **(5 x 3 = 15)**

1. Sensitivity and specificity.
2. Bekesy audiometry.
3. Dix Hallpike test.
4. Yes – No test.
5. PIPB function.

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**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

**[AHS 1122]** **NOVEMBER 2022** **Sub. Code: 2353**

**BACHELOR IN AUDIOLOGY AND SPEECH - LANGUAGE PATHOLOGY**
**SEMESTER - III (Regulation 2017-2018)**
**PAPER III – DIAGNOSTIC AUDIOLOGY – BEHAVIORAL TESTS**
***Q.P. Code : 802353***

**Time: Three hours** **Answer ALL Questions** **Maximum: 50 Marks**

**I. Elaborate on:** **(1 x 10 = 10)**

1. Construct and explain a test battery for the assessment of central auditory processing.

**II. Write notes on:** **(5 x 5 = 25)**

1. Theories and physiological basis for recruitment.
2. Clinical indicators for vestibular disorders.
3. Alternate binaural loudness balance test.
4. Assessment of hyperacusis.
5. Structure and function of vestibular system.

**III. Short answers on:** **(5 x 3 = 15)**

1. Fukuda stepping test.
2. Binaural interaction tests.
3. Stenger test.
4. TEN test.
5. Lip reading test.

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**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

**[AHS 0423]** **APRIL 2023** **Sub. Code: 2353**

**BACHELOR IN AUDIOLOGY AND SPEECH - LANGUAGE PATHOLOGY**
**SEMESTER - III (Regulation 2017-2018 onwards)**
**PAPER III – DIAGNOSTIC AUDIOLOGY – BEHAVIORAL TESTS**
***Q.P. Code: 802353***

**Time: Three hours** **Answer ALL Questions** **Maximum: 50 Marks**

**I. Elaborate on:** **(1 x 10 = 10)**

1. Explain various tests to differentiate Cochlear Pathology and Retro Cochlear Pathology in detail.

**II. Write notes on:** **(5 x 5 = 25)**

1. Need for test battery approach in Auditory Diagnosis and Integration of test results.
2. Short Increment Sensitivity Index.
3. Delayed Auditory Feedback test for Functional Hearing Loss.
4. Bottleneck and Subtlety Principles and its Application.
5. Tinnitus Assessment.

**III. Short answers on:** **(5 x 3 = 15)**

1. Gap Detection test.
2. Romberg test.
3. Tone Audiometry.
4. Clinical Indication for Retro Cochlear Pathology.
5. Dichotic digit test.

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**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

**[AHS 1123]** **NOVEMBER 2023** **Sub. Code: 2353**

**BACHELOR IN AUDIOLOGY AND SPEECH - LANGUAGE PATHOLOGY**
**SEMESTER - III (Regulation 2017-2018 onwards)**
**PAPER III – DIAGNOSTIC AUDIOLOGY – BEHAVIORAL TESTS**
***Q.P. Code: 802353***

**Time: Three hours** **Answer ALL Questions** **Maximum: 50 Marks**

**I. Elaborate on:** **(1 x 10 = 10)**

1. Explain various procedures carried out for the assessment of Tinnitus in detail.

**II. Write notes on:** **(5 x 5 = 25)**

1. Differential behavioural and physiological tests used in diagnostic Audiology.
2. Difference limen of intensity and its application in assessing Cochlear pathology.
3. Clinical indicators for functional hearing loss.
4. Masking level difference.
5. Symptoms and signs of peripheral vestibular disorder.

**III. Short answers on:** **(5 x 3 = 15)**

1. Sensitivity and Specificity of a diagnostic test.
2. Brief tone audiometry.
3. Lombard test.
4. Gap detection test.
5. Finger nose pointing test.

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**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

**[AHS 0424]** **APRIL 2024** **Sub. Code: 2353**

**BACHELOR IN AUDIOLOGY AND SPEECH - LANGUAGE PATHOLOGY**
**SEMESTER - III (Regulation 2017-2018 onwards)**
**PAPER III – DIAGNOSTIC AUDIOLOGY – BEHAVIORAL TESTS**
***Q.P. Code: 802353***

**Time: Three hours** **Answer ALL Questions** **Maximum: 50 Marks**

**I. Elaborate on:** **(1 x 10 = 10)**

1. Enumerate the various causes and clinical indicators of cochlear and retrocochlear pathology. Differentiate cochlear pathology and retrocohlear pathology using clinical signs and symptoms.

**II. Write notes on:** **(5 x 5 = 25)**

1. What is the importance of crosscheck principle in diagnostic audiology?
2. Test for recruitment and its clinical application.
3. Test to identify functional hearing loss in children.
4. Temporal modulation transfer function and its clinical application.
5. Positional tests to assess benign paroxysmal positional vertigo.

**III. Short answers on:** **(5 x 3 = 15)**

1. Procedure for estimating Johnson hyperacusis dynamic range quotient.
2. Difference between tinnitus and hyperacusis.
3. Tests to assess binaural interaction.
4. Carhart tone decay test.
5. Draw Vestibular ocular reflex pathway and label the structures.

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