



I Semester I B.A.SLP Examination, November/December - 2025

(Scheme : NEP) (Repeaters)

SPEECH AND HEARING

Communication Sciences-Speech & Language

Time : 2½ Hours

Max. Marks : 60

Instruction : Answer all questions.

I. 1. Describe the components of speech and language in detail. [15]

OR

2. Discuss the aerodynamic bases of speech in detail. [15]

III. 3. Delineate the factors affecting speech and language development. [15]

OR

4. Discuss the speech developmental milestones in typically developing child between the age of 6 months to 3 years. [15]

III. 5. Compare and Contrast

a) Incidence and Prevalence [7]

b) Speech-Language Sciences and Pathology. [8]

OR

6. Compare and Contrast

a) Congenital and Acquired [7]

b) Down Syndrome and Fragile X syndrome [8]

IV . 7. Discuss the speech and language characteristics of intellectual disability.
[15]

OR

8. Discuss the classification of voice disorders based on parameters of pitch, loudness and quality.
[15]





I Semester B.A.SLP Examination, Nov./Dec. - 2025

(Scheme : NEP) (Repeaters)

SPEECH AND HEARING

Communication Sciences : Audiology

Time : 2½ Hours

Max. Marks : 60

Instruction : *Answer all questions.*

I. 1. a) List the medical and non-medical fields associated with audiology and explain their role. [10]
b) Briefly explain the scope of Audiology. [5]

OR

2. a) Explain the components of adult case history and their purpose. [12]
b) Write on Principle of the Weber test. [3]

II. 3. a) Describe the differences between MAP and MAF curves [5]
b) Describe Applications of dB. [5]
c) Explain the procedure of threshold of audibility. [5]

OR

4. a) Calculate the overall sound level (dB SPL) when two sound signals having the same phase with the same intensity of 60 dB SPL are combined. [5]
b) What is sensation level? Explain it with the help of an example. [5]
c) Explain the procedure of determining uncomfortable level (UCL) [5]

III. 5. a) What are the factors that affect the pitch perception. [5]
b) Explain the relation between phon and sones. [5]
c) What is intensity? Describe psychoacoustic correlate of it. [5]

OR

6. a) How do you measure DLI and DLF? What should be the normative of each for younger adults? [8]
b) Explain the clinical applications of DLI. What are the factors affecting the DLI? [7]

IV. 7. a) Describe the general characteristics of conductive hearing loss. [10]
b) Explain the congenital causes of sensorineural hearing loss. [5]

OR

8. a) List and describe the acquired causes of hearing loss in children and adults. [10]
b) Explain the classification of hearing loss. [5]





I Semester B.A.SLP Examination, Nov./Dec. - 2025

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SPEECH AND HEARING

Anatomy, Physiology and Pathology related to Speech-
Language & Hearing

Time : 2½ Hours

Max. Marks : 60

Instruction : Answer all Questions.

I. 1. a) Describe intrinsic and extrinsic muscles of the larynx. [7]
b) Explain the physiology behind voice production. [8]

OR

2. a) Describe the embryological development of speech mechanism. [10]
b) Explain different anatomical positions and body planes. [5]

II. 3. Explain the embryology of the auditory system. [15]

OR

4. a) Elaborate on Middle ear transformer action. [10]
b) Explain the anatomy and physiology of the Eustachian tube with the help of a diagram. [5]

III. 5. a) 'Cranial nerves play a significant role in speech and hearing functions'
- Justify the statement. [10]

b) Write a short note on cerebral hemispheres. [5]

OR

6. a) Explain blood supply to the brain and spinal cord in detail. [10]
b) Briefly describe on the different lobes of the brain. [5]

IV. 7. a) Describe cell inflammation and healing. [10]
b) Write a short note on cellular aging. [5]

OR

8. a) Write short notes on : [2 × 5 = 10]
i) Atrophy and Hypertrophy
ii) Chemical mediators
b) What are the factors influencing cellular hearing. [5]

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SPEECH AND HEARING

Clinical Psychology

Time : 1½ Hours

Max. Marks : 30

Instruction : Answer the following questions.

I. 1. Describe the different schools of psychology. [10]

OR

2. Explain the concept of normality and abnormality. [10]

II. 3. What are neuro-developmental disorder? [5]

OR

4. Explain the psychological assessment of personality. [5]*psychological. (My)*

III. 5. Explain Erikson's theory of psychosocial development. [10]

OR

6. a) Illustrate with example the difference between fine motor and gross motor development. [5]

b) Define developmental psychology. Explain the difference between development and growth. [5]

IV. 7. Explain the principles of classical conditioning. [5]

OR

8. Explain directive counselling. [5]



I Semester B.ASLP Examination, Nov./Dec. - 2025

(Scheme : NEP) (Repeaters)

SPEECH AND HEARING

Electronics and Acoustics

Time : 2½ Hours

Max. Marks : 60

Instruction : Answer all the questions.

I. 1. a) What are universal gates? Realize all basic gates using any one universal gate. [8]
b) With a block diagram explain the working of DC power supply? [7]

OR

2. a) Impedance should be matched between any two stages of amplifiers. Justify. [8]
b) With a block diagram explain the working principle of Servo controlled Voltage stabilizers. [7]

II. 3. a) Explain the construction and working of a moving coil loudspeaker. [8]
b) Explain the Properties of sound as a wave. [7]

OR

4. a) Which type of microphone is used in hearing aids. With a schematic diagram explain its working principle. [8]
b) Explain sound pressure level and sound power level. [7]

III. 5. a) Differentiate between an operating system and an application software. Explain the functions performed by the operating systems. [8]
b) Explain the boot process for a Windows based systems. [7]

OR

6. a) With example, explain the difference between customized application software and standardized application software. [8]

b) With a diagram explain the working principle of a hard disk and RAM. [7]

IV . 7. a) With a block diagram explain the working principle of digital hearing aids. [8]

b) Distinguish between a pre amplifier and a power amplifier. Explain the need for both these amplifiers in a hearing aid circuit. [7]

OR

8. a) Explain an FM system in Assistive listening devices. Compare its merits and limitations with the induction loop systems. [8]

b) With supporting diagram explain different types of filters and their frequency response. [7]



I Semester B.A. SLP. Examination, Nov./Dec. - 2025

(Scheme : NEP) (Repeater)

SPEECH AND HEARING

Indian Constitution

Time : 1½ Hours

Max. Marks : 30

Instruction : Answer all questions.

I. 1. Specify the meaning and scope of the Constitution. Discuss briefly the salient features of the Indian Constitution. [10]

OR

2. Explain the historical events of framing of the Indian Constitution with reference to role played by the Members of the Drafting Committee. [10]

II. 3. Examine the extent to which the Right to Freedom is guaranteed under the Constitution. [10]

OR

4. "The Directive Principles of State Policy are fundamental in making welfare State". Disucss. [10]

III . 5. Explain the powers, privileges and immunities of the Members of the Parliament. [5]

OR

6. Discuss the powers and functions of the President of India. [5]

IV . 7. Examine the Constitutional position, nature of powers exercised by the Election Commission of India in conducting free and fair elections. [5]

OR

8. Discuss briefly the Constitutional status and functions of the Union Public Service Commission in India. [5]



