



Sri Devaraj Urs Academy of Higher Education & Research

(A Deemed to be University)

Bachelor in Audiology & Speech-language Pathology

First Year Semester-I March 2024 Examinations

Time: 2.30 Hours

Max. Marks: 80

Communication Sciences: Speech-language Pathology & Audiology

Your answers should be specific to questions asked.

Draw neat labelled diagrams wherever necessary

(Use Separate answer booklet for Section A & B)

Section- A

Communication Sciences: Speech-language Pathology (40Marks)

QP Code: S1285

Long essay

1 x 10 = 10 marks

1. Explain the role of resonatory and articulatory system in speech production.

Short essay

3 x 5 = 15 marks

2. Describe the changes that occur in voice from childhood to adulthood.
3. What is cleft lip and palate? What are the speech characteristics seen in children with RCLP?
4. Differentiate between phonological and articulation disorder.

Short answer

5 x 3 = 15 marks

5. What are the factors that affect the speech-language development?
6. Briefly explain the development of speech-language from infancy to 3 years.
7. Explain the importance of interdisciplinary approach in patient care.
8. Write a note on the educational and clinical training required for a clinician in the field of Speech-language Pathology.
9. What are the professional roles and responsibilities of a speech-language pathologist?

Section – B

Communication Sciences: Audiology (40 Marks)

QP Code: S1286

Long essay

1 x 10 = 10 marks

1. Describe the ways of measuring minimum audible pressure and minimum audible field.

Short essay

3 x 5 = 15 marks

2. Write the characteristics and application of decibels.
3. Describe the historical aspects of audiology
4. Explain any two methods for threshold estimation.

Short answer

5 x 3 = 15 marks

5. Mention the instruments used in the field of audiology
6. Define pitch and mention scales of pitch
7. Mention the branches of audiology.
8. Application of just noticeable difference
9. What is equal loudness contour?

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Anatomy and Physiology of Speech-language and Hearing

Section- A

Anatomy and Physiology of Speech-language (40Marks)

QP Code: S1295

Your answers should be specific to questions asked.

Draw neat labelled diagrams wherever necessary

(Use Separate answer booklet for Section A & B)

Long essay

1 x 10 = 10 marks

1. Describe the development of tongue, teeth and palate.

Short essay

3 x 5 = 15 marks

2. Describe the anatomical structures of larynx in brief.
3. Describe the anatomy of respiratory system in brief.
4. Describe the mechanism of phonation.

Short answer

3 x 5 = 15 marks

5. How different is quiet breathing from speech breathing?
6. Which are the extrinsic muscles of the larynx?
7. Describe the role of oral cavity in swallowing mechanism.
8. Briefly explain the structure of oral cavity.
9. Briefly explain the different parts of pharynx.

Section – B

Anatomy and Physiology of Hearing (40 Marks)

QP Code: S1296

Long essay

1 x 10 = 10 marks

1. Describe the auditory and non-auditory functions of the external ear.

Short essay

3 x 5 = 15 marks

2. What are the boundaries and components of the middle ear? Add a note on middle ear cleft.
3. How does Eustachian tube help in equalizing of pressure in the external and middle ear during ascent and descent?
4. Explain Von Bekesy's Travelling Wave Theory of hearing

Short answer

5 x 3 = 15 marks

5. Mention the important components of the central auditory pathway
6. Define cell division. Mention the two types of cell division.
7. What are the different steps involved in the embryonic development of the vestibular apparatus?
8. What structures form the membranous labyrinth of the inner ear?
9. What is a tissue? Mention the different types of tissues in the human body.

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Clinical Psychology

QP. Code: S1300

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Long Essay

2 X 10 = 20 marks

- 1 Define clinical psychology. Write a note on the importance of studying clinical psychology in health sciences
- 2 Enumerate the principles of classical conditioning

Short Essays

6 X 5 = 30 marks

- 3 Write a short essay on the need & rationale of classification of mental disorders
- 4 Describe any four cognitive tests
- 5 What is socialization? What are the components of socialization?
- 6 Write a note on operant discrimination and generalization
- 7 Discuss the operant conditioning-based therapeutic techniques in the management of problem behaviour
- 8 Discuss non - directive & eclectic counselling

Short Answers

10 X 3 = 30 marks

- 9 Explain the biological model of mental disorders
- 10 What is clinical observation? What are the different types of clinical observations.
- 11 Write a brief note on assessment of adaptive skills
- 12 Explain growth, development and maturity with examples.
- 13 Enumerate the characteristics of early motor development
- 14 Write a brief note on the difference in social response between infants & preschool children
- 15 What is stimulus generalization as explained in classical conditioning?
- 16 Describe the theory of cerebral conditioning
- 17 Write briefly on artefact theories in neuropsychological rehabilitation.
- 18 Enumerate the steps involved in non-directive counselling

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Linguistics and Phonetics

QP. Code: S1310

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Draw neat labelled diagrams wherever necessary

Long Essay

2 x 10 = 20 marks

1. Describe the process of word formation. Give suitable examples.
2. Describe the classification of speech sounds. Give example from your own language

Short Essay

6 x 5 = 30 marks

3. What is transformation? Explain the different types of transformations.
4. Describe Phase Structure Grammar. Add a note on its limitations.
5. What are the applications of applied linguistics in understanding and researching communication disorders?
6. Describe the prelinguistic stage of language development.
7. What is writing system? Discuss at least two types of writing systems.
8. Write a detailed note on language families of India.

Short Answers

10 x 3 = 30 marks

9. Differentiate between competence and performance.
10. How is animal communication different from human communication?
11. How do you classify speech sounds based on manner of articulation?
12. What is IPA? List the uses of IPA in the field of speech and hearing.
13. What is homophony and polysemy?
14. What are pragmatics and discourse?
15. What issues children face while acquiring first language acquisition?
16. Differentiate between language acquisition and language learning.
17. List the differences between first and second language.
18. Write a note on Indian writing systems.