

31961



MP-582

Sl. No. 0054

Total No. of Pages : 2

II Semester M.Sc. (S.L.P.) Examination, September/October - 2023

(Scheme : CBCS)

**SPEECH LANGUAGE PATHOLOGY**

**Phonological Disorders and Maxillofacial Anomalies**

Time : 2 Hours

Max. Marks : 50

*Instruction : Answer all the questions.*

- I. 1) Describe the parameters of coarticulation and critically evaluate the research design used to study the long term effects of coarticulation. [15]

OR

- 2) Describe the methods for studying coarticulation. Critically evaluate are of the study on measurement of locus equation. [15]

- II. 3) Explain the need of studying the phonological awareness in children with phonological disorders. [10]

OR

- 4) Describe the salient features of research design used in the study of evidence based approach in treating phonological disorder. [10]

- III. 5) "Phonological development in children with cleft palate is delayed and deviant". Justify the statement with relevant studies. [15]

OR

- 6) Describe the parameters of speech considered in studying the phonological development in infants and toddlers with cleft lip and palate. [15]

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- IV. 7) Describe the role of prosthesis in rehabilitation of cleft lip and palate.  
Write the parameters used to study the efficacy of prosthesis. [10]

OR

- 8) Critically evaluate the research designs and parameters considered for studying the early intervention of children with cleft lip and palate. [10]

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Total No. of Pages : 2

II Semester M.Sc. Examination, September/October - 2023

(Scheme : CBCS)

**SPEECH-LANGUAGE PATHOLOGY**

**Motor Speech Disorders**

Time : 2 Hours

Max. Marks : 50

*Instruction : Answer all questions.*

- I. 1. Describe the development of the nervous system and speech motor control that occurs in the first two years of life in typical children. [10]

OR

2. Describe the role of projection fibres in speech motor control. [10]

- II. 3. Write a brief note on the following : [3 × 5 = 15]

- a) Types of interactions that account for variability in the speech motor system.
- b) Muscle forcing action
- c) Serial order model

OR

4. a) Describe the role of the following models in understanding dysarthria and apraxia. [10]

- i) Mackay's model
- ii) Adaptive model

- b) What do you understand by the term 'feed forward mechanism' with reference to speech motor control? [5]

*P.T.O.*

- III. 5. a) Justify the need to use the ICF model during the assessment of persons with motor speech disorders. [5]
- b) Critically evaluate the utility of instruments in the assessment of dysarthria. [5]

OR

6. Discuss your choice of therapy techniques for the following difficulties in persons with dysarthria. [10]
- a) Hypernasality
- b) Slow rate of speech

- IV. 7. a) Outline the major speech characteristics of childhood apraxia of speech highlighting those that are used for differential diagnosis on the basis of recent research findings. [10]
- b) Write a note on Dynamic Temporal and Tactile Cueing (DTTC) used in the management of childhood apraxia of speech. [5]

OR

8. a) Describe the approaches employed to treat prosody in persons with apraxia. [10]
- b) Write a note on the bottom up approach used in the management of executive type of apraxia. [5]

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Total No. of Pages : 1

II Semester M.Sc. Examination, September/October - 2023

(Scheme : CBCS)

**SPEECH-LANGUAGE PATHOLOGY**

**Fluency & Its Disorders**

Time : 2 Hours

Max. Marks : 50

**Instruction:** *Answer all questions.*

- I.** 1. Describe the unique characteristic features of stuttering. [10]  
OR  
2. Summarize the development of stuttering as proposed by Guitar. [10]
- II.** 3. Discuss the theory that focus stuttering as a language production deficit with clinical findings supporting the same. [15]  
OR  
4. Explain the 'DIVA' model of stuttering with supporting figures. [15]
- III.** 5. Explain the use of analogies for children who stutter focusing on clinical significance. [15]  
OR  
6. a) Mention the steps used in the camperdown program in detail, with a case example. [10]  
b) How would you evaluate naturalness rating in a speech sample of stuttering. [5]
- IV.** 7. Write a short note on:  
a) Recent research on Cluttering. [10]  
OR  
b) Recent research on Neurogenic stuttering. [10]



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Sl.No. 0043

Total No. of Pages : 2

**II Semester M.Sc. Examination, September/October - 2023**

**(Scheme : CBCS)**

**SPEECH - LANGUAGE PATHOLOGY**

**Language, Cognition and Brain**

**Time : 2 Hours**

**Max. Marks : 50**

**Instruction : Answer all questions.**

- I. 1. Explain the following terms with suitable examples [10]**
- a) Interference
  - b) Reasoning

**OR**

2. a) Discuss the relevance of schema in the acquisition of lexicon. [5]
- b) Briefly describe the types of cognitive mapping. [5]

- II. 3. a) Describe the role of attention and memory in language acquisition in detail. [10]**
- b) Explain the advantages of Treisman's attention model over Broadbent's model. [5]

**OR**

4. Briefly explain the following cognitive linguistic models : [5 + 5 + 5]
- a) Neural network model.
  - b) Logogen model
  - c) Trace model

**P.T.O.**

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- III. 5.** How would you assess different cognitive processes in children highlight then advantages and disadvantages. **[15]**

OR

- 6.** What is the need to assess 'play' behaviour in children? Describe the relationship between 'symbolic play' and 'language' with illustration from clinical population. **[15]**

- IV. 7.** Describe the effect of pharmacological treatment on speech, language and cognition in individuals with Aphasia. **[10]**

OR

- 8.** 'Cognitive-communication rehabilitation is the need of the hour in persons with cognitive deficits'. Justify the statement by providing research evidences. **[10]**



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Total No. of Pages : 1

II Semester, M.Sc.(S.L.P.) Examination, September/October - 2023

(Semester Scheme) (CBCS)

**SPEECH-LANGUAGE PATHOLOGY**

**Gerontology & Communication Disorders (SC)**

Time : 2 Hours

Max. Marks : 50

*Instructions :* 1) *All questions carry equal marks.*  
2) *Support your answers with empirical research findings.*

- I) 1) a) Define the term ageism [3]  
b) Identify the common myths about aging. [7]

OR

- 2) Explain the various types of abuses seen in older adults. [10]

- II) 3) Describe any two theories of aging with its pros and cons. [15]

OR

- 4) Explain the effects of aging on various organ system of the body. [15]

- III) 5) Explain the various factors that cause cognitive impairment in older adults. [15]

OR

- 6) Explain the impact of language and swallowing on the quality of life and life satisfaction index of older adults? [15]

- IV) 7) Describe how health care and rehabilitation fit into the health care continuum. [10]

OR

- 8) Explain how National Policy for Older Persons (NPOP) has an impact on the quality of life of older adults in India? [10]





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Total No. of Pages : 2

II Semester M.Sc. Examination, September/October - 2023

(Scheme : CBCS)

**SPEECH LANGUAGE PATHOLOGY**

**Endoscopic Evaluation of Lesions of the Larynx**

Time : 2 Hours

Max. Marks : 50

*Instruction : Answer all questions.*

I. 1) Describe in detail the anatomy of Larynx. Add a note on physiology of Phonation. [10]

OR

2) a) Oral Articulatory structures & their anomalies. [5]

b) Benign lesions of oral cavity. [5]

II. 3) a) Mention the etiology, clinical signs & symptoms of acute laryngitis. [10]

b) Indications for tracheostomy. [5]

OR

4) Classify congenital anomalies of larynx with discussion of each anomaly. [15]

III. 5) a) Classify the laryngeal trauma, pathogenesis and management of laryngeal stenosis. [5]

b) Stroboscopy. [5]

c) Voice conservation laryngectomy. [5]

OR

*P.T.O.*

- 6) a) Discuss the course of Recurrent laryngeal Nerve and management of unilateral vocal cord paralysis. [10]
- b) Action of cricothyroid & posterior cricoarytenoid muscle - Add a note. [5]
- IV. 7) a) What is phonosurgery? Add a note on laryngeal framework surgery. [5]
- b) Rehabilitation of Laryngectomy. [5]
- OR
- 8) Discuss carcinoma of larynx with its management. [10]



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II Semester M.Sc. Examination, Sept./Oct. - 2023

(Scheme : CBCS)

SPEECH-LANGUAGE PATHOLOGY/AUDIOLOGY

Clinical Behavioural Analysis

Time : 2 Hours

Max. Marks : 50

Instruction: *Answer all the question.*

I. 1. Describe in detail the principles of classical conditioning. [10]

OR

2. a) What is the difference between behaviour therapy and behaviour modification. [5]

b) What is Dialectical Behavioural Counselling? [5]

II. 3. Write short notes on:

a) Adaptive Behaviour Scales. [5]

b) Modelling [5]

c) Reward Training. [5]

OR

4. Describe in detail the procedures involved in the management of problem behaviours. [15]

III. 5. Write short notes on:

a) Time out. [5]

b) Fading. [5]

c) Compliance Training. [5]

OR

P.T.O.

6. Write short notes on:

- a) Habit Reversal Techniques. [5]
- b) JPMR [5]
- c) Aversive conditioning. [5]

**IV.** 7. Write short notes on:

- a) Ego States. [5]
- b) REBT. [5]

OR

8. Describe the salient features of Reality Therapy. [10]

