

[LB 0212]

AUGUST 2012

Sub. Code: 2312

B.Sc. AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY

SECOND YEAR

PAPER II – ARTICULATION PHONOLOGICAL DISORDERS

Q.P. Code: 802312

Time : Three Hours

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on:

**Pages Time Marks
(Max.) (Max.) (Max.)**

- | | | | |
|---|---|---------|----|
| 1. How do you assess children with articulation disorder?
Explain various methods to assess articulation. | 7 | 20 min. | 10 |
| 2. Explain development of articulation in detail. | 7 | 20 min. | 10 |
| 3. Explain muscle of soft palate, pharynx and
velopharyngeal mechanism for the production of
speech sounds. | 7 | 20 min. | 10 |

II. Write Notes on:

- | | | | |
|--|---|---------|---|
| 1. Embriological Development of Palate. | 4 | 10 min. | 5 |
| 2. Oral stereognosis. | 4 | 10 min. | 5 |
| 3. Intelligibility rating scale. | 4 | 10 min. | 5 |
| 4. Metaphon therapy. | 4 | 10 min. | 5 |
| 5. Distinctive feature analysis. | 4 | 10 min. | 5 |
| 6. Sub-mucous cleft. | 4 | 10 min. | 5 |
| 7. Multi-disciplinary management of cleft lip and palate. | 4 | 10 min. | 5 |
| 8. International phonetic alphabet for speech sounds in English. | 4 | 10 min. | 5 |

III. Short Answers on:

- | | | | |
|---|---|--------|---|
| 1. Supra segmental aspects of speech. | 2 | 4 min. | 3 |
| 2. Co-articulation. | 2 | 4 min. | 3 |
| 3. Spectrogram. | 2 | 4 min. | 3 |
| 4. Percentage correct consonants (PCC). | 2 | 4 min. | 3 |
| 5. Pierre-Robins syndrome. | 2 | 4 min. | 3 |
| 6. Glossectomy. | 2 | 4 min. | 3 |
| 7. Short term Goals. | 2 | 4 min. | 3 |
| 8. Fricatives. | 2 | 4 min. | 3 |
| 9. Write IPA for the following words/Ship/, /tape/, /call/. | 2 | 4 min. | 3 |
| 10. Phonological process. | 2 | 4 min. | 3 |

[LD 0212]

AUGUST 2013

Sub. Code: 2312

B.Sc. AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY

SECOND YEAR

PAPER II – ARTICULATION PHONOLOGICAL DISORDERS

Q.P. Code: 802312

Time : Three Hours

Maximum : 100 marks

Answer ALL questions

I. Elaborate on:

(3 x 10 = 30)

1. Compare and contrast Behaviorist & structuralist model of phonological development.
2. Explain the roles and responsibilities of team members involved in the assessment and management of individuals with cleft lip and palate.
3. Using any two therapy techniques draft a lesson plan for a child with misarticulation.

II. Write notes on:

(8 x 5 = 40)

1. Classification of consonants.
2. Explain the features of Treacher- Collins Syndrome.
3. Explain types of cleft lip and palate.
4. Explain the effect of partial and total glossectomy on speech.
5. Explain Biological model.
6. Explain articulators involved in speech production.
7. Describe the physiology of muscles of velum.
8. Write short notes on computerized intervention packages.

III. Short Answers on:

(10 x 3 = 30)

1. Define Coarticulation.
2. Define spectrogram.
3. Spoonerism with an example.
4. Maintenance phase of articulation therapy.
5. Phonemic awareness.
6. Shaping.
7. Differentiate Diphthongs and semi vowels.
8. Ankyloglossia.
9. Assimilation.
10. Velopharyngeal Insufficiency.

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SECOND YEAR

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Q.P. Code: 802312

Time : Three Hours

Maximum : 100 marks

Answer ALL questions

I. Elaborate on:

(3 x 10 = 30)

1. What are phonological processes? Give a detailed description of types and age limit for the phonological processes.
2. Describe in detail the causes of articulation/ phonological disorder.
3. ‘Team approach and professional communication are essential in the management of articulation disorder’. Justify the statement.

II. Write notes on:

(8 x 5 = 40)

1. Explain types of distinctive features.
2. Explain any two formal diagnostic test used in assessment of articulation.
3. Explain velopharyngeal insufficiency and velopharyngeal inadequacy.
4. Draw stripped Y classification for a client with left sided complete cleft of lip & palate.
5. Explain paired stimuli approach.
6. Describe the effects of glossectomy on swallow.
7. What is coarticulation? Explain types of coarticulation.
8. Write short notes on cleft palate speech.

III. Short Answers on:

(10 x 3 = 30)

1. Manner of articulation.
2. Deep test of articulation.
3. Canonical babbling.
4. Nasal assimilation.
5. Associated problems with cleft lip and palate.
6. Cul-de-sac resonance.
7. Contextual utilization.
8. Differentiate motor approaches and cognitive-linguistic approaches of phonological treatment.
9. Supra segmental aspects.
10. Ear training.

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SECOND YEAR

PAPER II – ARTICULATION PHONOLOGICAL DISORDERS

Q.P. Code: 802312

Time : Three Hours

Maximum : 100 marks

Answer ALL questions

I. Elaborate on:

(3 x 10 = 30)

1. What are phonological processes? Give a detailed description of its types.
2. Draft an assessment protocol for evaluating individuals with articulation Disorder.
3. Explain the stages of treatment of articulation/phonological disorder.

II. Write notes on:

(8 x 5 = 40)

1. Neurogenic causes of articulation disorders.
2. Syndromes associated with cleft lip and palate.
3. Stages of phonological development.
4. Explain the effects of partial and total glossectomy on speech.
5. Differentiate motor approaches and cognitive-linguistic approaches of phonological treatment.
6. Explain articulators involved in speech production.
7. Describe the physiology of velum.
8. Write short notes on computerized intervention packages.

III. Short Answers on:

(10 x 3 = 30)

1. Manner of articulation.
2. Screening test of articulation.
3. Canonical babbling.
4. Phonetic placement.
5. Associated problems with cleft lip and palate.
6. Cul-de-sac resonance.
7. Contextual utilization.
8. Spectrogram.
9. Supra segmental aspects.
10. Ear training.

B.Sc. AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY

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PAPER II – ARTICULATION PHONOLOGICAL DISORDERS

Q.P. Code: 802312

Time : Three Hours

Maximum : 100 marks

Answer ALL questions

I. Elaborate on:

(3 x 10 = 30)

1. Describe in detail phonological development in typically developing children.
2. Explain the roles and responsibilities of team members involved in the assessment and management of individuals with cleft lip and palate.
3. Give a detail account of the methods to assess of speech intelligibility.

II. Write notes on:

(8 x 5 = 40)

1. Oral peripheral mechanism examination.
2. Features of Pierre - Robin Syndrome.
3. Psycho social causes of articulation disorder.
4. Explain metaphon therapy.
5. Error pattern analysis.
6. Stages of articulation therapy.
7. Associated problems in children with cleft lip and palate.
8. Velopharyngeal mechanism.

III. Short Answers on:

(10 x 3 = 30)

1. Define Oral stereognosis.
2. Explain spoonerism with an example.
3. Perceptual analysis.
4. Define Voice Onset Time.
5. Describe Intonation.
6. What is glossectomy?
7. Define consonants /s/ and /r/.
8. Explain Percentage of consonant correct.
9. Differentiate phonetic and phonologic disorders.
10. Nasal resonance.

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PAPER II – ARTICULATION PHONOLOGICAL DISORDERS

Q.P. Code: 802312

Time : Three Hours

Maximum : 100 marks

Answer ALL questions

I. Elaborate on:

(3 x 10 = 30)

1. Define articulation. Describe the articulation assessment for children with cleft lip and palate.
2. What is glossectomy? Describe its rehabilitative methods.
3. Describe in detail the role of SLP in the management of children with phonological disorder.

II. Write notes on:

(8 x 5 = 40)

1. Write a note on Team management.
2. Write a note on Place of articulation.
3. Describe the Rehabilitation of swallow in adults with glossectomy.
4. What is Metaphon therapy?
5. Enumerate on the Instrumental evaluation of articulation.
6. Explain the speech characteristics of Down syndrome.
7. Write a note on Speech transcription.
8. Describe the use of Minimal pair approach.

III. Short Answers on:

(10 x 3 = 30)

1. Name three approaches to articulation rehabilitation.
2. Who are the team members of a cleft team?
3. Name three speech intelligibility scales.
4. Describe three activities to evaluate the intelligibility in children with articulation disorders.
5. What are the principles of articulation therapy?
6. Name three characteristics of Down syndrome.
7. Name three intervention strategies to manage epenthesis.
8. Differentiate between “fronting” and “backing”.
9. Describe with example the term “distinctive feature”.
10. What is Mirror fogging test?

B.Sc. AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY

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PAPER II – ARTICULATION AND PHONOLOGICAL DISORDERS

Q.P. Code: 802312

Time : Three Hours

Maximum : 100 marks

Answer ALL questions

I. Elaborate on:

(3 x 10 = 30)

1. Define phonology. Critically evaluate the transcription methods in perceptual analysis.
2. What is glossectomy? Describe its rehabilitative methods.
3. Describe in detail the role of SLP in the management of children with Cleft lip and palate.

II. Write Notes on:

(8 x 5 = 40)

1. Explain Tongue thrust swallow.
2. Describe sampling for phonological process analysis.
3. Special considerations in the management of Pierre Robin sequence.
4. What are the metalinguistic factors affecting articulation and phonology?
5. Enumerate on the instrumental evaluation of articulation.
6. What are the challenges in management of phonology in children with Down syndrome?
7. Enumerate on the computerized intervention of Articulation disorders.
8. What are the prosthetic devices for patients with hemiglossectomy?

III. Short Answers on:

(10 x 3 = 30)

1. Name three traditional approaches to phonology intervention.
2. Differentiate between the terms “intra” and “inter” professional communication.
3. Principles of metaphon therapy.
4. Describe three activities to evaluate the stimulability in children with articulation disorders.
5. Name three Indian language test materials to evaluate articulation.
6. Name three possible etiologies for tongue thrust.
7. Name three intervention strategies to manage velopharyngeal dysfunction.
8. Differentiate between any two distinctive features.
9. Describe with example the term oral stereognosis.
10. Name three articulation characteristics of children with Cerebral palsy.

[LJ 0816]

AUGUST 2016

Sub.Code :2312

B.Sc. AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY

SECOND YEAR

Paper II – ARTICULATION AND PHONOLOGICAL DISORDERS

Q.P. Code: 802312

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Elaborate on:

(3 x 10 = 30)

1. Explain the role and responsibility of team members involved in the assessment and management of individual with glossectomy?
2. Write on distinctive features- types, identification of errors and analysis?
3. What is metalingusitics? Explain structure, cognitive- linguistic factors related to articulation and phonological disorders.

II. Write notes on:

(8 x 5 = 40)

1. Psycho social causes of articulation disorders.
2. Latest advancement in articulation therapy, uses of computerised intervention.
3. Distinctive feature and differentiate between any two distinctive features?
4. Velopharyngeal mechanism.
5. Type of cleft lip and palate.
6. Differences in articulation characteristics of various types of cerebral palsy.
7. Error pattern analysis.
8. Prosthetic speech appliances for patients with cleft palate.

III. Short answers on:

(10 x 3 = 30)

1. Define oral stereognosis.
2. What is Nasal Flutter test and Mirror flogging test?
3. What is Cul- de- sac resonance?
4. Explain spoonerism with example.
5. What are the stages of articulation treatment?
6. What is principle of motokinesthetic treatment approach?
7. Describe three activities to evaluate the stimulability in children with articulation disorders?
8. Write note on associated problems with cleft lip and palate.
9. How to carryout oral peripheral mechanism examination?
10. Definition and types of coarticulation.

[LK 0217]

FEBRUARY 2017

Sub.Code :2312

B.Sc. AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY

SECOND YEAR

Paper II – ARTICULATION AND PHONOLOGICAL DISORDERS

Q.P. Code: 802312

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Elaborate on:

(3 x 10 = 30)

1. Acoustic analysis of production and perception of speech sounds.
2. a) Various factors related to articulation and phonological disorders.
b) Characteristics of disordered phonology?
3. The subjective and objective assessment of children with cleft lip and palate.

II. Write notes on:

(8 x 5 = 40)

1. Effect of partial and total Glossectomy.
2. Computerized intervention of articulation disorders.
3. Team approach and Professional communication.
4. Assessment of oral peripheral mechanism and OPME toolkit.
5. Distinctive feature therapy vs. Metaphon therapy.
6. How are articulation characteristics different for children with Down syndrome and Cerebral palsy?
7. Types of cleft lip and palate.
8. Prosthetic speech appliances for patients with cleft palate.

III. Short answers on:

(10 x 3 = 30)

1. Differentiate segmental and suprasegmental aspects.
2. Name the velopharyngeal mechanism muscles.
3. Define oral stereognosis.
4. What is Nasal Flutter test and Mirror flogging test?
5. What are the stages of articulation treatment?
6. What is principle of motokinesthetic treatment approach?
7. Describe few activities to evaluate the stimulability in children with articulation disorders?
8. Definition and types of coarticulation.
9. Define Nasal air emission and Differentiate Hypernasality and Hyponasality.
10. Write on Features of Pierre- Robin Syndrome and Treacher- Colin's Syndrome?

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SECOND YEAR

PAPER II – ARTICULATION AND PHONOLOGICAL DISORDERS

Q.P. Code: 802312

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on:

(3 x 10 = 30)

1. Explain the importance of MIDVAS in treating articulation disorders.
2. Explain the types of cleft lip and palate. Draw stripped 'Y' classification for a client with right sided complete cleft of lip and palate.
3. What are phonological processes? Give a detailed description of its types.

II. Write notes on:

(8 x 5 = 40)

1. Fricatives.
2. Effects of partial and total glossectomy on speech.
3. Oral peripheral mechanism examination.
4. Crouzon's syndrome.
5. Prosthetic speech appliances for patients with cleft palate.
6. Trans-disciplinary approach.
7. Spectrogram.
8. Metaphon Therapy.

III. Short answers on:

(10 x 3 = 30)

1. Physiology of velum.
2. Cul-de-sac resonance.
3. Phonetic placement.
4. Nasalance.
5. Percentage of consonant correct.
6. Mirror fogging test.
7. TONAR.
8. Treacher-Collins syndrome.
9. Differentiate segmental and suprasegmental aspects.
10. Name the velopharyngeal mechanism muscles.

[LM 0218]

FEBRUARY 2018

Sub. Code: 2312

BACHELOR IN AUDIOLOGY & SPEECH LANGUAGE PATHOLOGY

SECOND YEAR

PAPER II – ARTICULATION AND PHONOLOGICAL DISORDERS

Q.P. Code: 802312

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on:

(3 x 10 = 30)

1. Acoustic analysis of production and perception of speech sounds.
2. The subjective and objective assessment of children with cleft lip and palate.
3. Compare and contrast Behaviorist and structuralist model of phonological development.

II. Write notes on:

(8 x 5 = 40)

1. Nasals.
2. Minimal pair approach.
3. Embryological Development of Palate.
4. Pierre – Robin's syndrome.
5. Prosthetic speech appliances for patients with cleft palate.
6. Compensatory articulatory errors.
7. Differentiate between liquids and trills.
8. Computerized intervention packages.

III. Short answers on:

(10 x 3 = 30)

1. TONAR.
2. Multidisciplinary approach.
3. Suprasegmentals.
4. Glossectomy.
5. Reduplication.
6. Palatoplasty.
7. Motokinesthetic approach.
8. Semivowels.
9. Manner of articulation.
10. International phonetic alphabet.

**BACHELOR IN AUDIOLOGY & SPEECH LANGUAGE PATHOLOGY
SECOND YEAR**

PAPER II – ARTICULATION AND PHONOLOGICAL DISORDERS

Q.P. Code: 802312

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on: **(3 x 10 = 30)**

1. Explain distinctive features and analyse the distinctive features for /p/ and /s/.
2. Explain the factors related to articulation and phonological disorders.
3. Explain any therapeutic approach for a child with phonological disorder and draft a lesson plan for the same.

II. Write notes on: **(8 x 5 = 40)**

1. Plosives.
2. Oral stereognosis.
3. Phonetic and phonological disorders.
4. Treacher – Collins syndrome.
5. Sub-mucous cleft.
6. Phonological processes.
7. Transcription methods.
8. MIDVAS.

III. Short answers on: **(10 x 3 = 30)**

1. Speech bulb.
2. Passavant's ridge.
3. Metathesis.
4. Ankyloglossia.
5. Modified tongue anchored procedure.
6. Stimulability.
7. Paired-stimuli approach.
8. Assimilation.
9. Spectrogram.
10. Velopharyngeal insufficiency.

BACHELOR IN AUDIOLOGY & SPEECH LANGUAGE PATHOLOGY
SECOND YEAR

PAPER II – ARTICULATION AND PHONOLOGICAL DISORDERS

Q.P. Code: 802312

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on:

(3 x 10 = 30)

1. Anatomy and physiology of velum.
2. Assessment of resonance including subjective and objective.
3. Treatment procedures for speech including surgical repair of cleft lip and palate.

II. Write notes on:

(8 x 5 = 40)

1. Assessment of oral peripheral mechanism.
2. Effects of swallow.
3. Rehabilitation of speech in glossectomy.
4. Intelligibility of speech.
5. Acoustic aspects of vowels.
6. Motokinesthetic and Minimal contrast therapy.
7. Associated problems in individuals with cleft palate.
8. Computerized intervention packages.

III. Short answers on:

(10 x 3 = 30)

1. Phonemic awareness.
2. Describe intonation.
3. Spoonerism with an example.
4. Explain percentage of consonant correct.
5. Nasal resonance.
6. Contextual utilization.
7. Explain spectrogram.
8. Deep test of articulation.
9. Fricatives.
10. Perceptual analysis.
