

8459—II S BASLP (N)—MAY 2019

SECOND SEMESTER B.A.S.L.P. DEGREE EXAMINATION, APRIL/MAY 2019

Speech and Hearing

2.1—SPEECH LANGUAGE PATHOLOGY

Time : Two Hours

Maximum : 50 Marks

Answer all questions.

- I. 1 Define Diagnosis. Discuss on factors affecting diagnostic process. (10 marks)
- Or*
- 2 Highlight the difference between :
- (a) Case History and Clinical interview. (5 marks)
- (b) Proforma and Questionnaire. (5 marks)
- II. 3 Illustrate with examples the diagnostic model provided Bloom and Lahey. (10 marks)
- Or*
- 4 (a) Mention the competencies that needs to be developed for a good diagnostic clinician. (4 marks)
- (b) Discuss the different approaches to diagnose a client with communication disorder. (6 marks)
- III. 5 (a) Delineate the general principles of speech and language therapy. (4 marks)
- (b) Differentiate between individual and group theory. (6 marks)
- Or*
- 6 (a) What is integrated education approach ? (4 marks)
- (b) List the various requirements for an ideal speech language therapy setup. (6 marks)
- IV. 7 Describe the specific speech and language stimulation technique used to enrich the communication skills of persons with speech and language disorders. (10 marks)
- Or*
- 8 Mention the different types of reinforcement and their role in the treatment of communication disorders. (10 marks)
- V. 9 Describe the code of ethics for speech language pathologists. (10 marks)
- Or*
- 10 Define counselling ? What are the points you would counsel a parent of a child who exhibits disfluency. (10 marks)

8460-IIS BASLP (N)—MAY 2019

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Speech and Hearing

AUDIOLOGY

Time : Two Hours

Maximum : 50 Marks

Answer all the questions.

- I. (1) What are Equal Loudness Contours ? Explain its applications. (10 marks)
- Or*
- (2) What are JNDs ? Explain the clinical applications of DLI and DLF. (10 marks)
- II. (3) Explain the procedure for Rinne and Schwabach tuning fork tests. What are the advantages and disadvantages of each ? (10 marks)
- Or*
- (4) What are the salient differences between case history for adults and children ? (10 marks)
- III. (5) What are the factors affecting Air Conduction thresholds ? (10 marks)
- Or*
- (6) What are Audiometers ? Draw a neat diagram of Audiometer, mark its parts and explain the function of each part. (10 marks)
- IV. (7) (a) How is Speech reception threshold different from Speech detection threshold ? (5 marks)
- (b) Explain the procedure and applications of BC Speech Audiometry ? (5 marks)
- Or*
- (8) Explain PI-PB function test and its applications. (10 marks)
- V. (9) What are the different types of stimuli used in clinical masking procedure ? (10 marks)
- Or*
- (10) Explain the importance and procedure for objective calibration of AC and BC transducers. (10 marks)

SECOND SEMESTER B.A.S.L.P. DEGREE EXAMINATION, APRIL/MAY 2019

OTORHINOLARYNGOLOGY

Time : Two Hours

Maximum : 50 Marks

*Answer in serial order.
Answer only 1 part of each question.
Draw diagrams wherever applicable.
Do not leave page blank in between.*

1. (a) Describe the anatomy and physiology of external ear. (6 marks)
Mention four external ear pathologies. (4 marks)
- (b) Write short note on serous otitis media. (4 marks)

Or

- (a) Write definition, pathology, clinical features and audiometry findings of otosclerosis. (4 marks)
- (b) Role of audiometry in chronic otitis media. (3 marks)
- (c) Describe the course of facial nerve. (3 marks)
2. Describe clinical features of and PTA findings of :
Otitotoxicity.
Meniere's disease.
Vestibular Schwannoma.

Or

- (a) Define and mention causes of tinnitus. (5 marks)
- (b) Mention the three modes in which body maintains balance, part of inner ear that maintain balance and clinical examination of balance. (5 marks)
3. (a) Describe the anatomy of oropharynx. Write a note on clinical features and treatment of inflammatory condition or oropharynx. (6 marks)
- (b) Write clinical features and management of Velopharyngeal insufficiency. (4 marks)

Or

- (a) Draw a diagram and describe nasopharynx, oropharynx and hypopharynx. (6 marks)
- (b) Write a note on pathologies of oral cavity. (4 marks)

Turn over

4. (a) Write short notes on :

- (a) Functions of Larynx. (2 marks)
- (b) Nerve supply of Larynx. (2 marks)
- (c) Benign pathologies of Larynx. (2 marks)
- (d) Congenital Laryngial pathologies (2 marks)
- (e) ~~H~~roscopy. (2 marks)

Or

- (a) Describe indications, steps, surgical steps and post op. problems of Laryngectomy. (6 marks)
 - (b) Write a note on examination of Larynx. (4 marks)
5. (a) Write a note on Tracheostomy. (5 marks)
- (b) Classify and describe pathologies of oesophagus. (5 marks)

Or

- (a) Describe anatomy of upper and lower airway. (5 marks)
- (b) Types of congenital anomalies of Oesophagus, Clinical features and treatment. (5 marks)

8462—II S BA SLP (N)—MAY 2019

SECOND SEMESTER B.A.S.L.P. DEGREE EXAMINATION, APRIL/MAY 2019

Speech and Hearing

NEUROLOGY

Time : Two Hours

Maximum : 50 Marks

- I. 1 Write an essay on transmission of information in neural system with appropriate diagrams. (10 marks)

Or

- 2 Explain the lobes of the brain and its function with a neat diagram. (10 marks)

- II. 3 (a) Explain cerebellar system and its pathways. (8 marks)
(b) Explain Alpha motor neurons. (2 marks)

Or

- 4 Explain Trauma to the CNS. (10 marks)

- III. 5 Write an essay on upper motor neuron and lower motor neuron and its lesions. (10 marks)

Or

- 6 Hydrocephalus and its types. (10 marks)

- IV. 7 Explain the following :
(a) Wilson's disease.
(b) Pellagra. [5 × 2 = 10 marks]

Or

- 8 Briefly explain :
(a) Multiple sclerosis.
(b) Alcoholic cerebellar degeneration. [5 × 2 = 10 marks]

- V. 9 Write an essay on Agnosia and types. (10 marks)

Or

- 10 Define the management options for adult language disorders. (10 marks)

SECOND SEMESTER B.A.S.L.P. DEGREE EXAMINATION, APRIL/MAY 2019

Speech and Hearing

HUMAN RIGHTS AND ENVIRONMENTAL SCIENCE

Time : Three Hours

Maximum : 80 Marks

Part A (Human Rights)

[Time : One Hour and a Half ; Maximum : 40 marks]

1. Answer any *five* of the following :

- (a) Which are the two major Declaration of United Nation ?
- (b) What is the full form of CEDAW and CERD ?
- (c) What does 1503 procedure deals with ?
- (d) Which are the two categories of child labour ?
- (e) Write any *two* composition of NHRC ?
- (f) Which are the two different types of divorce according to Imperial Law ?
- (g) Which Bill of Rights Introduced system of Free Elections ?

(5 × 2 = 10 marks)

2. Critically explain Human Rights and Democratic Governance ? (10 marks)

3. Explain Rights of Minorities and what are the Impact of Privatisation toward Affirmative Action ? (10 marks)

4. Answer any *two* of the following :

- (a) Social, Economic and cultural Rights.
- (b) NHRC [National Human Right Commission].
- (c) Enforcement of Human Rights in National and International Level.

(10 marks)

Part B (Environmental Science)

[Time : One Hour and a Half ; Maximum : 40 marks]

I. Answer any *four* out of five :

- 1 Define conservation. Give an account of the present status and causes of deforestation in the country.

Turn over

- 2 Write a short note on :
 - (i) Chipko movement.
 - (ii) Biodiversity.
- 3 Name some multi-purpose river valley projects.
- 4 What are the major sources of water pollution in our country? Discuss the nature of pollutants involved and suggest methods of control.
- 5 Explain the following :
 - (a) Green house effect.
 - (b) Noise pollution.
 - (c) Acid rain.

(5 × 4 = 20 marks)

II. Answer any *two* out of three :

- 1 Define ecosystem. Give an account of structure and function of an ecosystem.
- 2 Explain the following :
 - (a) Ecological pyramids.
 - (b) Food web.
 - (c) Productivity.
- 3 Discuss the progress made in respect of set up of protected areas network for wildlife Conservation in India.

(2 × 10 = 20 marks)