



II SEMESTER BASLP DEGREE EXAMINATION, MAY/JUNE 2016
SPEECH AND HEARING

Paper – 2.1 : Speech Diagnostics and Therapeutics

Time : 2 Hours]

[Max. Marks : 50

Instructions : 1) Answer *all* the questions.
2) *All* carry *equal* marks.

1. Explain the importance of case history in the diagnosis of speech disorders. 10

OR

2. Define the following terms : (2.5×4=10)

- a) Diagnosis
- b) Differential diagnosis.
- c) Tentative diagnosis
- d) Prognosis.

3. Compare and contrast the case histories for adults and children with speech disorders. 10

OR

4. Write a note on different types of Diagnosis. 10

5. Describe any one model with relevance to diagnosis of communication disorders. 10

OR

6. Describe the procedure that you would adopt in the evaluation of child of 3 years with Delayed Speech and Language Development. 10

[P.T.O.]



7. Describe the general principles of speech and language therapy. **10**

OR

8. Write short notes on : **(2.5×4=10)**

- a) Lesson plans
- b) Group therapy
- c) Integrated education
- d) Use of tape recorder in therapy.

9. Explain the role of instruments in the evaluation of voice disorders. **10**

OR

10. Explain the role of instruments in speech language therapy. **10**



II SEMESTER B.A.S.L.P. DEGREE EXAMINATION, MAY/JUNE 2016

SPEECH AND HEARING

Paper – 2.2 : Audiological Evaluation

Time: 2 Hours]

[Max. Marks : 50

Instruction : Answer all questions.

- I. 1) What are the ways different audiometers are classified ? Discuss. 10
OR
2) Discuss the significance of case history in carrying out and interpreting pure tone audiometry. 10
- II. 3) Why do we do calibration ? Discuss ANSI standards use for calibrating pure tone audiometers. 10
OR
4) Differentiate between subjective and objective calibration procedures. 10
- III. 5) What are the different types of transducers used for hearing testing ? Discuss. 10
OR
6) Discuss international standards for audiometric transducers and couplers. 10
- IV. 7) Define masking. Discuss the factors affecting masking. 10
OR
8) What is fusion inferred test ? Explain. 10
- V. 9) Illustrate the factors affecting speech audiometry. 10
OR
10) Comment on speech audiometric materials available in Indian languages. 10
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SECOND SEMESTER B.A.S.L.P. DEGREE EXAMINATION, MAY/JUNE 2016

Paper – 2.3 : GENETICS, PEDIATRICS AND EPIDEMIOLOGY

IN SPEECH AND HEARING

Speech and Hearing

Time : 2 Hours]

[Max. Marks : 50

Instruction : Answer Part – A, Part – B and Part – C in
separate answer books.

PART – A

(Genetics)

Answer any 5 out of 10 :

(5×4=20)

1. What are histones, how is the packaging of DNA done ?
2. Give a diagrammatical description of mitosis.
3. What is pedigree ? Give some symbols to justify your answer.
4. What are direct test which is used for cloning ?
5. What is Dyslexia ?
6. What is MR ? Describe taking IQ as an example.
7. What is structural aberrations ? Write a note.
8. Give a short note on audiometric patterns and genetic hearing loss.
9. What is multifactorial syndromes ?
10. Give some chromosomal aberrations.

[P.T.O.]



PART – B
(Pediatrics)

I. Answer any 5 of the following :

(5×3=15)

- 1) Define Growth.
- 2) Write briefly about growth in adolescent.
- 3) Name childhood disabilities which will affect in speech and hearing.
- 4) What are the types of cerebral palsy ?
- 5) Write short notes on childhood Autism.
- 6) Write a short note on importance of Growth Chart.
- 7) Write a short note on importance of genetic counselling.
- 8) Write about gene therapy.
- 9) Write a note on protein energy malnutrition including assessment of PEM.
- 10) What are the water soluble vitamins ? Write a note on Rickets.

PART – C
(Epidemiology)

Answer any 3 of the following :

(5×3=15)

1. Define Epidemiology. Briefly discuss epidemiological triad.
 2. Describe briefly the method of questionnaire survey.
 3. Define incidence and prevalence. Enumerate the risk factors for hearing loss and communication delay in children.
 4. Define and describe sensitivity, specificity, positive predictive value and negative predictive value with reference to a screening program on hearing.
 5. What is high risk register ? Enumerate the high risk factors to indicate hearing loss.
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II SEMESTER B.A.S.L.P. DEGREE EXAMINATION,
MAY/JUNE 2016

SPEECH AND HEARING
Paper – 2.4 : Neurology

Time : 2 Hours]

[Max. Marks : 50

Instruction : Answer **all** the questions.

I. 1) Describe the speech centres on cerebral cortex with the help of a suitable diagram. **10**

OR

2) Name all the cranial nerves and briefly describe the function of V, VII, VIII and X Cranial Nerve. **10**

II. 3) Write short notes on : **(5×2=10)**

a) Action potential

b) Chemical transmission in the nerve.

OR

4) Write short notes on : **(5×2=10)**

a) Hydrocephalus

b) CSF circulation

III. 5) Describe the etiology, clinical features and management of bacterial meningitis. **10**

OR

6) Describe the etiology, clinical features and management of encephalitis. **10**

[P.T.O.]



IV. 7) Write short notes on : (5×2=10)

- a) Wilson's disease
- b) Sub-dural haematoma

OR

8) Describe the blood supply to the brain with suitable diagram. 10

V. 9) Write short notes on : (5×2=10)

- a) Neurofibromatosis
- b) Metastatic tumors of the brain

OR

10) Write short notes on : (5×2=10)

- a) Gliomas
 - b) Structure and function of peripheral nerve.
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SECOND SEMESTER B.A.S.L.P.DEGREE EXAMINATION, MAY/JUNE 2016
SPEECH AND HEARING

Paper – 2.5 : Human Rights and Environmental Studies

Time: 3 Hours]

[Max. Marks : 80

Instruction : Answer Part A and Part B in *separate* answer books.

PART – A
(Environmental Studies)

I. Answer any 5 out of 7. **(5×2 = 10)**

- 1) Energy resources.
- 2) Food chains.
- 3) Renewable-resources.
- 4) Soil pollution.
- 5) Bioremediation.
- 6) Rain water harvesting.
- 7) Industrial wastes.

II. Essay type question. **(2×10 = 20)**

- 1) What is environmental pollution ? Give some examples.
- 2) Structure and function of an ecosystem.

III. **Any two** – short notes. **(2×5=10)**

- 1) Aquatic ecosystem.
- 2) Population explosion.
- 3) Nuclear hazards.

[P.T.O.]



PART – B
(Human Rights)

1. Answer **any five** of the following : (5×2=10)
 - a) Who are the Judicial members of the National Human Rights Commission ?
 - b) Who are the non judicial members of the State Human Rights Commission ?
 - c) Who appoints the members of the State Human Rights Commission ?
 - d) What is the procedure for removal of a member of the State Human Right Commission ?
 - e) Modern Society and the Human Rights.
 - f) Locus standi and protection of Human Rights.
 - g) Write on investigative powers of the Human Rights Commission.
2. Write on the powers of the Human Right Commission to enforce its decisions. 10
3. Write on the functions of the Human Rights Commission under the National Commission and State Commissions. 10
4. Answer **any two** of the following : (2×5=10)
 - a) Write a short note on the procedure for dealing with the complaints on violation of Human Rights.
 - b) Convicted persons and the Human Rights.
 - c) Write about the Human Rights Courts.