

2

4374-2.1-IISBASLP-A-18

B.A. (SLP) DEGREE EXAMINATION APRIL 2018.

Second Semester

SPEECH DIAGNOSTICS AND THERAPEUTICS

Time : Two hours

Maximum : 50 marks

Answer ALL the questions.

1. Define Diagnosis. Discuss the factors affecting diagnostic process. (10)

Or

2. What are the major differences in case History taking an adult viruses a child? (10)
3. (a) Explain the relevance of SLPM model in diagnosing speech and language disorders. (6)
- (b) Highlight the merits and demerits of SLPM model. (4)

Or

4. Describe the various methods of collecting history of clients. (10)
5. Compare and contrast
- (a) Individual and grap therapy (5)
- (b) Integrated and inclusive education (5)

Or

6. Write notes on the following :
- (a) Characteristics of good clinician (5)
- (b) Variables related to effective management (5)
7. Outline the speech therapy techniques for a child with misarticulation. Justify your procedure. (10)

Or

8. Write short notes on :
- (a) Demonstration therapy (5)
- (b) General principles of speech and language therapy (5)
9. What is parent counseling? Explain the need for counseling in communication disorder with care examples. (10)

Or

10. Highlight the importance of documentation in clinical practice. (10)

2

4375-2.2-IISBASLP-A-18

B.A. (SLP) DEGREE EXAMINATION APRIL 2018.

Second Semester

Paper 2.2 – AUDIOLOGICAL EVALUATION

Time : Two hours

Maximum : 50 marks

Answer from ALL the Units.

Don't attempt both the options.

1. Discuss any two methods used for obtaining pure tone thresholds. (10)

Or

2. (a) Explain the interpretation of audiogram. (5)
(b) Explain factors affecting Bone conduction threshold. (5)
3. Discuss the ANSI standard for frequency and intensity calibration of audiometers. (10)

Or

4. With a neat diagram explain the procedure followed in electro acoustic calibration. (10)
5. (a) Describe the technical details of artificial ear and artificial mastoid. (5)
(b) Write a note on Supra aural, Circum aural and Insert ear phones. (5)

Or

6. What are the different transducers used for hearing testing? Describe the functions of each. (10)
7. Explain the criteria for AC, BC and speech masking. What is minimum masking and maximum masking? How to calculate minimum and maximum noise? (10)

Or

8. (a) What is masking dilemma? Explain with an example. (5)
(b) Discuss the factors affecting masking. (5)
9. What are the different tests available in speech audiometry? What is the application of each test? (10)

Or

10. Discuss the factors affecting speech audiometry. (10)

②

4376-2.3-IISBASLP-A-18

B.A. (SLP) DEGREE EXAMINATION APRIL 2018.

Second Semester

GENETICS PEDIATRICS AND EPIDEMIOLOGY IN SPEECH AND HEARING

Time : Two hours

Maximum : 50 marks

PART - A
GENETICS

Answer any **FIVE** out of Eight.

(5 × 4 = 20)

1. What is Pedigree analysis? How are pedigree charts used in human genetics? Explain.
2. Write a note on multifactorial inheritance.
3. Write short notes on :
 - (a) Phenylketonuria
 - (b) Albinism
 - (c) Sickle cell anemia
4. Explain polygenic inheritance with examples.
5. State some neurodegenerative disorder and explain any one disorder.
6. How are restriction endonucleases used to construct recombinant DNA molecules in vitro?
7. Write a note on genetic components of communication impairment.
 - (a) Autism
 - (b) Stuttering
 - (c) Dyslexia
8. Is the genetic counseling important in medical science? Comment.

PART - B
PAEDIATRICS

Answer any **FIVE** of the following :

(5 × 3 = 15)

9. Define cerebral palsy and explain its types.
10. Write short notes on "Kwashiorkor".

11. What are the water soluble vitamins? Write a note on Rickets.
12. Write a short note on importance of Growth charts.
13. Write short notes on Human Genome Mapping project and Management of genetic disorder.
14. Write short note on the importance of genetic counseling.

PART - C

EPIDEMIOLOGY IN SPEECH AND HEARING

Answer any **THREE** questions.

(3 × 5 = 15)

15. Describe the high risk factors of any one of the high risk registers used in India and Abroad. (5)
 16. What is incidence and prevalence? Incidence may or may not contribute to prevalence - Discuss. (5)
 17. Define sensitivity, specificity, positive predictive value and negative predictive value. (5)
 18. Describe any three epidemiological methods. (5)
 19. Discuss the incidence and prevalence of communication disorders in India. (5)
-

2

B.A. (SLP) DEGREE EXAMINATION APRIL 2018.

Second Semester

Paper 2.4 - NEUROLOGY

Time : Two hours

Maximum : 50 marks

1. (a) Write short notes on :
 - (i) Circle of Willi (5)
 - (ii) Neuromuscular junction (5)

Or

 - (b) (i) Action potential (5)
 - (ii) Structure of a neuron (5)
2. (a) Describe about source and circulation of CSF and add a note on Hydrocephalus. (10)

Or

 - (b) Enumerate developmental defects of spinal cord. Note on syringomyelia and syringobulbia. (10)
3. (a) Write short notes on :
 - (i) Hypoxic Ischemic encephalopathy (5)
 - (ii) Types of meningitis and their clinical features. (5)

Or

 - (b) Describe clinical features, etiology and risk factors of different types of stroke. (10)
4. (a) Write short notes on :
 - (i) Pellagra (5)
 - (ii) Subdural hematoma (5)

Or

 - (b) (i) Wernicke's Encephalopathy (5)
 - (ii) Multiple Sclerosis (5)
5. (a) Write short notes on :
 - (i) Peripheral nerve sheath tumors (5)
 - (ii) Embryonal tumors of meninges (5)

Or

 - (b) Describe in detail about structure and function of a peripheral nerve. Add a note on metastatic tumors of CNS. (10)

4378-2.7-IISBASLP-A-18



B.A. (SLP) DEGREE EXAMINATION APRIL 2018.

Second Semester

ENVIRONMENTAL SCIENCE AND HUMAN RIGHTS

Time : Three hours

Maximum : 80 marks

Answer PART A and PART B in separate answer sheet.

PART - A

ENVIRONMENTAL SCIENCE

Answer any **FIVE** questions

(5 × 2 = 10)

1. Afforestation
2. Abiotic resources
3. Food chains
4. Environmental protection act
5. Endangered species of India
6. Noise pollution
7. Global warming

Essay

(2 × 10 = 20)

8. Concept of an eco system and types of eco system.
9. Write a note on environmental pollution.

Answer any **TWO**

(2 × 5 = 10)

10. Write a note on water resources.
11. Name some multi purpose river valley projects.
12. How is non-conventional sources of energy useful for human being? Comment.

PART - B

HUMAN RIGHTS

Answer any **FIVE** out of Seven.

(5 × 2 = 10)

13. (a) When did the concept of HR become popular?
- (b) Who attempted to harmonize the teachings of church with that of Natural Laws?

- (c) What are the powers of commission under the rights of minority?
 - (d) Who introduced the HR in International Relations?
 - (e) Write four major HR issues handled by NRHC in India.
 - (f) When did SHRC came to force?
 - (g) Which are the two categories of Child Labour?
14. Describe the concept regarding Human Right and Democratic Governance. (10)
15. Who are vulnerable groups? Briefly explain the rights of minorities. (10)
16. Answer any **TWO** of the following : (2 × 5 = 10)
- (a) NHRC
 - (b) Social, Economic and Cultural Rights
 - (c) Composition, Appointment and Removal of State Human Right Commission (SHRC)
-