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BAPSLC 107

edit Based I Semester B.A.S.L.P. Degree Examination, Oct./Nov. 2013
(New Syllabus Scheme) (Common to All Batches)
INTRODUCTION TO HEARING AND HEARING SCIENCES

Time : 3 Hours Max. Marks : 80

Instruction : Answer one question from each unit.

UNIT – 1

1. Define audiology. Explain the scope of audiology. 16

OR

2. Describe the growth and development of Audiology. Add a note on its development in India. 16

UNIT – 2

3. Describe the anatomy of the middle ear with suitable diagram. 16

OR

4. Describe the mechanism of "Middle ear transformer action". 16

UNIT – 3

5. Define dB. Explain the application of dB in Audiology. 16

OR

6. Differentiate phone and sone. Explain equal loudness contour. 16

P.T.O.

UNIT – 4

7. Describe the acquired causes of hearing loss and its co-relation with audiological assessment. 16

OR

8. Draw audiogram pattern describing moderate degree hearing loss with following pathologies :
   a) Conductive hearing loss
   b) Mixed hearing loss
   c) Sensori neural hearing loss. 16

UNIT – 5

9. Explain Rinne, Weber and Bing test of tunning fork with its merits and demerits. 16

OR

10. Describe the procedure involved in estimating the threshold of hearing using pure tone audiometer. 16

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BAPSLC 109

Credit Based I Semester B.A.S.L.P. Degree Examination, Oct./Nov. 2013
(New Syllabus) (Common to all Batches)
SPEECH LANGUAGE DIAGNOSTICS AND THERAPEUTICS

Time : 3 Hours Max. Marks : 80

Instruction : Answer all questions.

UNIT – I

1. Describe in detail the tools used in diagnosis of speech and language disorders. 16

OR

2. What is a case history ? Explain child case history in detail. 16

UNIT – II

3. Differentiate between the different types of diagnosis. 16

OR

4. a) What is interview method and what is its importance in diagnosis ? 8
   b) Explain Bloom and Lahey diagnostic model. 8

UNIT – III

5. Explain the requirements to set up a speech therapy department in a hospital. 16

OR

6. Write short notes on : (4×4=16)
   a) Inclusive education
   b) Lesson plan.
   c) Group therapy.
   d) Progress report of therapy.

P.T.O.

UNIT – IV

7. Explain in detail the approaches to speech and language therapy.

OR

8. Write short notes on : (4x4=

   a) Positive reinforcement
   b) Negative reinforcement
   c) Prompting
   d) Shaping.

UNIT – V

9. How will you go about with counselling of role of parents in speech and language therapy ?

OR

10. Explain the documentation required in speech and language therapy and its importance.

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BAPSLC 108

Credit Based I Semester B.A.S.L.P. Degree Examination,
Oct./Nov. 2013
(New Syllabus) (Common to all Batches)
BASIC MEDICAL SCIENCES
Basic Medical Sciences Related to Speech and Hearing

Time : 3 Hours Max. Marks : 80

Note : 1) Answer all questions.
2) Draw diagrams wherever necessary.

UNIT – I

1. Describe mechanism of respiration with nervous control. 16

OR

2. Define synapse. Describe the structure along with any three properties of synapse. 16

UNIT – II

3. Define hormone and enumerate the functions of thyroid hormone. 16

OR

4. Describe the structure of DNA and enumerate sex chromosomal disorders. 16

UNIT – III

5. Describe the structure of middle ear and enumerate its functions. 16

OR

6. Describe the structure of inner ear and add a note on infection and management of inner ear diseases. 16

P.T.O.

UNIT – IV

7. Enumerate causes of speech disorders.

OR

8. Describe the structure of nasopharynx and add a note on pharyngitis.

UNIT – V

9. Describe the physiology of phonation.

OR

10. Write essay on :
    a) Vocal cord palsy
    b) Artificial Larynx.

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BAPSLC 106

Credit Based First Semester B.A.S.L.P. Degree Examination, Oct./Nov. 2013
(New Syllabus Scheme) (Common to all Batches)
INTRODUCTION TO HUMAN COMMUNICATION

Time : 3 Hours Max. Marks : 80

Instruction : Answer all questions.

UNIT – I

1. a) Define communication. Discuss the components of speech and language. 10

   b) Explain cognitive and social bases of communication. 06

OR

2. a) "Speech is an overlaid functions". Discuss. 08

   b) Explain : i) Speech chain (4x2=8)

   ii) Factors affecting speech and language development.

UNIT – II

3. Explain the neurological basis of human communication. 16

OR

4. Write a note on : (4x4=16)

   a) Cerebellum

   b) Nerve tract

   c) Broadmann's area

   d) Reflex.

UNIT – III

5. Explain on anatomy and physiology of respiratory system. 16

OR

6. a) Explain muscles of respiration. 10

   b) Write a note on respiratory efficiency test. 06

P.T.O.

UNIT – IV

7. Explain the anatomy and physiology of laryngeal system.

OR

8. a) Write on pitch and loudness changing mechanism.

   b) Explain the cartilages of larynx with neat diagram.

UNIT – V

9. With neat diagrams explain the anatomy and physiology of articulatory system.

OR

10. a) Write a note on speech subsystem and explain the importance of active articulators in speech production.

    b) What is resonation ? Write a note on resonatory system.