Reg. No. | | | | | | | | | |

BAPSLC 108

Credit Based I Semester B.A.S.L.P. Examination, Oct./Nov. 2014
(Common to all Batches)
BASIC MEDICAL SCIENCES RELATED TO SPEECH AND HEARING

Time : 3 Hours Max. Marks : 80

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

Unit – I

1. Describe anatomy of trachea in detail. Add a note on its applied anatomy. 16

OR

2. Describe mechanism of respiration. Add a note on it nervous control.

Unit – II

3. Describe structure of DNA and RNA. 16

OR

4. Describe the following :
   a) Sex chromosomal disorders. 8

   and

   b) Karyotyping. 8

Unit – III

5. Describe inner ear in detail. 16

OR

6. Describe the following :

   Infections and management of Middle ear and Eustachian tube disorders.

P.T.O.

Unit – IV

7. Describe nasopharynx in detail. 16

OR

8. Describe the following :

A) Cleft palate 8

and

B) Tracheoesophageal fistula. 8

Unit – V

9. Describe origin, insertion, nerve supply and actions of muscles of larynx. 16

OR

10. Describe the following :

a) Congenital diseases of Larynx. 8

and

b) Physiology of phonation. 8

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BAPSLC 109

Credit Based I Semester B.A.S.L.P. Examination, Oct./Nov. 2014
(Common to All Batches)
SPEECH LANGUAGE DIAGNOSTICS AND THERAPEUTICS

Time : 3 Hours Max. Marks : 80

Instruction : Answer all questions.

1. What is case history ? Explain case history in adults with communication disorders. 16

OR

2. Explain the principles of diagnosis and write about the tools used in diagnosis of speech language disorders. 16

3. Differentiate between the different types of diagnosis. 16

OR

4. Describe the different models of diagnosis. 16

5. Explain the requirement of a good therapy set up. 16

OR

6. Describe the general principles of speech and language therapy. 16

7. Describe in detail the approaches to speech and language therapy. 16

OR

8. Describe the language therapy technique for children with delay in speech and language development. 16

9. How will you counsel a parent of a child with speech language disorder ? Explain. 16

OR

10. Explain the ethics to be followed in diagnosis and speech language therapy. 16

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BAPSLC 106

Credit Based I Semester B.A.S.L.P. Degree Examination, Oct./Nov. 2014
(New Syllabus) (Common to all Batches)
INTRODUCTION TO HUMAN COMMUNICATION

Time : 3 Hours Max. Marks : 80

Instruction : Answer all questions.

1. a) Elaborate on social bases of human communication. 8
   b) Discuss the various factors affecting speech and language development. 8

OR

2. "Speech is an overlaid function". Discuss. 16

3. Discuss the anatomy and physiology of lobes of cerebrum. 16

OR

4. Briefly describe the anatomy of basal ganglia and cerebellum. 16

5. a) Write a note on exchange of gases in the lungs and tissues. 8
   b) Explain briefly the respiratory efficiency tests. 8

OR

6. a) Explain the muscles involved in the process of inspiration. 8
   b) Explain lower respiratory tract with a neat labelled diagram. 8

7. a) "Vocal fold is a multilayered structure". Explain. 8
   b) Describe the pitch and intensity changing mechanism. 8

OR

8. a) Explain the cartilages of larynx with a neat diagram. 8
   b) Explain the development of voice from birth to senescence. 8

9. a) What is the role of resonance in the production of speech ? 8
   b) Explain the muscles of soft palate with a neat diagram. 8

OR

10. a) What are the active articulators and mention their importance in speech production ? 8
    b) Draw neat labelled diagram of oral cavity. 8

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BAPSLC 107

Credit Based First Semester B.A.S.L.P. Degree Examination, Oct./Nov. 2014

(Semester Scheme) (Common to all Batches)

INTRODUCTION TO HEARING AND HEARING SCIENCES

Time : 3 Hours Max. Marks : 80

Instructions : 1) *Answer all the questions.*
2) *Each question carries equal (16) marks.*

1. Briefly describe different branches of Audiology. 16

OR

2. Explain the origin and development of Audiology. 16

3. Elaborate on anatomy of central auditory pathway. 16

OR

4. Briefly write on physiology of external ear. 16

5. Explain dB concept. 16

OR

6. Explain the procedure for obtaining equal loudness contour and describe its characteristics. 16

7. Delineate the importance of case history in differential diagnosis. 16

OR

8. Briefly discuss the causes of sensory neural hearing loss. 16

9. Explain the basic concepts in air conduction and bone conduction testing. 16

OR

10. Discuss audiometric version of tuning fork tests. 16
