

1414 – ISBASLP(N) – N – 18



FIRST SEMESTER B.A.S.L.P. (NEW) DEGREE EXAMINATION, NOV. 2018 COMMUNICATION SCIENCES (Part – A)

Time : 2 Hours]

[Max. Marks : 25

UNIT – 1

I. 1) With a neat diagram, explain the 'speech chain'. 10

OR

2) Define the following : (5×2=10)

- a) Speech
- b) Language
- c) Communication
- d) Cooing
- e) Babbling

UNIT – 2

II. 3) With a neat diagram describe the various active and passive articulators and their functions. 10

OR

4) Explain the neurological bases of speech and language. 10

UNIT – 3

III. 5) Discuss the development of the field of speech-language pathology in Indian context. 5

[P.T.O.]

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FIRST SEMESTER B.A.S.L.P. (NEW) DEGREE EXAMINATION, NOV. 2018 COMMUNICATION SCIENCES (Part –B)

Time : 2 Hours]

[Max. Marks : 25

- I. 1) Define sound. What are the physical parameters that used to describe sound ? 3
 - 2) Describe the dBIL and dB SPL units for sound intensity measurement. 3
 - 3) Discuss the applications of dB scale. 4
 - OR
 - 4) Derive the minimum and maximum intensity that human can hear using a dBIL scale. 5
 - 5) Discuss the need and applications of dB scale. 5
 - II. 6) Define threshold, sensation level, most comfortable level and uncomfortable level. 4
 - 7) Discuss the similarities and differences between MAP and MAF. 6
 - OR
 - 8) Discuss three fundamental methods of threshold estimation. 5
 - 9) How the dBHL unit was formed and how is it related to RETSPL ? 5
 - III. 10) Write an essay on history of audiology. 5
 - OR
 - 11) Discuss the scope of audiological practice. 5
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FIRST SEMESTER B.A.S.L.P. (NEW) DEGREE EXAMINATION, NOVEMBER 2018
ANATOMY AND PHYSIOLOGY OF SPEECH AND HEARING
(Paper – I)

Time : 2 Hours]

[Max. Marks : 50

Instruction : Draw labelled diagram wherever necessary.

PART – A
(Anatomy)

20

Answer **any one**.

1. Describe the anatomy of external ear including pinna, external auditory canal and tympanic membrane. 10

OR

2. Describe pharyngeal arches and its derivatives. 10

Answer **any two**. (2×5=10)

3. Anatomy of Eustachian tube. 5
4. Standard anatomical position and planes of references. 5
5. Anatomy of inner ear. 5

PART – B
(Embryology)

15

Answer **any one**.

6. Development of tongue. 8

OR

7. Development of inner ear. 8

[P.T.O.]

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Answer any one.

8. Development of external ear.

7

OR

9. Development of lips.

7

PART – C

(Physiology)

15

Answer any three.

10. Middle ear transformer action.

5

11. Function of inner ear.

5

12. Physiology of Eustachian tube.

5

13. Define head shadow effect and inter aural intensities.

5

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FIRST SEMESTER B.A.S.L.P. (NEW) DEGREE EXAMINATION,
NOVEMBER 2018

1.3 : CLINICAL PSYCHOLOGY

Time : 2 Hours]

[Max. Marks : 50

Instructions : 1) Answer *all* the questions.

2) **Each** question carries **ten** marks.

A. 1) Define psychology and discuss the different branches of psychology. 10

OR

2) Discuss the concept of normality and abnormality. 10

B. 3) What is clinical psychology ? Explain the application of clinical psychology in the field of speech and hearing. 10

OR

4) Describe the models of mental disorder. 10

C. 5) Write note on clinical observation and case-history. 10

OR

6) Define personality and discuss any two techniques of personality assessment. 10

[P.T.O.]



D. 7) What is the meaning of developmental psychology and discuss the emotional development of child. 10

OR

8) Explain the 'Piaget's theory of cognitive development. 10

E. 9) How 'Learning' can be defined and discuss the 'Pavlov's classical conditioning – experiments and principles. 10

OR

10) Write a note on **any two** of the following : 10

- a) Counselling.
 - b) Application of neuro Psychology in the field of speech and hearing.
 - c) Intelligence Test.
 - d) Stages of motor development.
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FIRST SEMESTER B.A.S.L.P. (NEW) DEGREE EXAMINATION, NOV. 2018
Paper – 1.4 : LINGUISTICS AND PHONETICS

Time: 2 Hours]

[Max. Marks: 50

Instruction : Answer all questions.

- I. 1) a) Describe Articulatory phonetics, Acoustics phonetics and Auditory phonetics. 4
- b) What is endocentric construction and exocentric construction ? 6

OR

- 2) Explain Native language and Foreign language. 10
- II. 3) Explain the following : (5×2 = 10)
- a) Complementary distribution.
- b) Contrastive distribution.
- c) Diphthongs.
- d) Mother tongue.
- e) Morpheme.

OR

- 4) Explain grammatical categories. 10

[P.T.O.]



III. 5) Explain the 3rd and 4th principles of identification of morphemes as laid down by Nida with suitable examples. 10

OR

6) Explain the types of morpheme with suitable examples. 10

IV. 7) What is descriptive linguistics? Explain. 10

OR

8) Explain stops, alveolar, retroflex, affricates and trills. 10

V. 9) Characteristics of Non-human language. 10

OR

10) Write short notes on : (5×2 = 10)

a) Language Similies.

b) Assimilation, dissimilation, metathesis.

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FIRST SEMESTER B.A.S.L.P. (NEW) DEGREE
EXAMINATION, NOVEMBER 2018

Paper – 1.5 : ELECTRONICS AND ACOUSTICS

Time: 2 Hours]

[Max. Marks: 50

- I. 1) Explain the working of semiconductor diodes. What are the applications of semiconductor diode ? 10

OR

- 2) Using a block diagram, explain the functioning of DC power supply. 5
3) How a diode is working as a transistor ? Explain. 5
II. 4) Define sound and explain the propagation of sound through air. 5
5) What are the physical characteristics of sound ? Explain. 5

OR

- 6) Discuss reflection, absorption and reverberation of sound. 5
7) Define spectrum and waveform. Draw a diagram of waveform and spectrum of a pure tone. 5
III. 8) Define transducer. What are the different types of transducers ? 5
9) Write a note on construction of audiometric test room. 5

OR

- 10) Using a block diagram explain the peripherals and their functions of a computer. 5
11) Write a note on memory devices. 5

[P.T.O.]



IV.12) Explain the process of analogy to digital conversion. 10

OR

13) Write a note on : (5×2=10)

- a) Speech synthesis.
- b) Automatic speech recognition.

V. 14) Using block diagram explain the functioning of an audiometer. 5

15) Write a note on electrodes. 5

OR

16) Using a block diagram explain the functioning of hearing aids. 5

17) Write a note on artificial larynx. 5

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FIRST SEMESTER B.A.S.L.P. (NEW) DEGREE EXAMINATION,
NOVEMBER 2018

1.6 : INDIAN CONSTITUTION

Time : 3 Hours]

[Max. Marks : 80

- Instructions :** 1) Answer *any 5* questions.
2) Answers should be substantiated by the case law.
3) *All* questions carry **equal** marks.

(5×16=80)

1. Explain Right to Equality and what are the impact of privatisation towards affirmative action ?
2. Illustrate the significance of Constitution with Preamble.
3. a) Examine the Right to Religion guaranteed by Constitution of India with limitation.
b) Discuss six freedoms under Art. 19 of Indian Constitution with decided cases.
4. a) Critically examine relation between union and states.
b) Discuss the essential characteristics of a Federal Constitution.
5. a) Define Fundamental Right.
b) Discuss the five Writs of the Constitution under Art. 32 of Indian Constitution with cases.
6. a) What is local Government and Constitution ? Justify your answer.
b) What is the role of judiciary in Constitution ? Discuss with provisions of judiciary.

[P.T.O.]



7. a) Define composition, power and function of parliament.
b) Critically examine the difference between Fundamental Right and DPSP.
 8. a) Discuss the composition, powers and functions of Governor.
b) What is the role of constituent assembly ?
 9. a) Explain nature of directive principle of state policy.
b) Explain citizenship with decided cases.
 10. a) Discuss Right against Exploitation with important case law.
b) What are the procedures for jurisdiction of Supreme Court ?
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