7408 – C01 – IIIS BASLP – N – 17

THIRD SEMESTER (II Year) B.A.S.L.P. DEGREE EXAMINATION, NOVEMBER 2017

MAXILLOFACIAL ANOMALIES AND LARYNGECTOMY

Time : 2 Hours]   [Max. Marks : 50

Answer all the questions.

I.   1)   Write a note on:

    (a)   Primary germ layers and its derivatives.   (5)

    (b)   Bronchial arches and grooves.   (5)

Or

  2)   (a)   List the pre-natal factors leading to cleft lip & palate.   (5)

    (b)   Explain the disadvantage and advantage of any one classification of cleft lip and palate.   (5)

II. 3)   (a)   Explain the reason why hearing loss can be associated with cleft palate.   (7)

    (b)   What are the psychological problems associated with cleft palate.   (3)

Or

  4)   Describe difference between: (2.5 × 4 = 10)

    (a)   Velopharyngeal insufficiency and incompetency.

    (b)   Nasal air emissions and hypernasality.

    (c)   Laryngeal stop and glottal stop.

    (d)   Mid dorsum palatal stop and pharyngeal stop.

III. 5)   Outline the assessment protocol for perceptual assessment of resonance in children with cleft lip & palate.

Or

  6)   Write short notes on: (2.5 × 4 = 10)

    (a)   Palatal lift appliance

    (b)   Speech bulb

    (c)   Millard technique

    (d)   Open mouth approach

IV. 7)   What are the early & later complications of total Larygectomy.   (10)

Or

  8)   What are the issues to be discussed in the pre-operative counselling of Laryngectomy?   (10)

V.   9)   What are the two main types of artificial larynx. List the advantages and disadvantages of the same.   (10)

  10)   Describe the important steps in training esophageal speech.   (10)

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7409 – C02 – IIIS BASLP – N – 17

THIRD SEMESTER (II Year) B.A.S.L.P. DEGREE EXAMINATION, NOVEMBER 2017

PHONOLOGICAL DISORDERS

Time : 2 Hours]   [Max. Marks : 50

I.   1.   Write an essay on place and manner of articulation.   10

Or

2.   Explain combinatory phonetics.   10

II. 3.   Explain acoustic characteristics of the following:

a)   Stop $5 \times 2 = 10$

b)   Nasals

Or

4.   Explain the procedure of development of material to study articulatory behaviour.   10

III. 5.   Explain lisping and its types .   10

Or

6.   What are the structural and neurological causes of articulation disorder?   10

IV. 7.   Explain the articulatory and prosodic problems associated with dysarthria.   10

Or

8.   Outline the assessment protocol for children with articulation disorders.   10

V.   9.   Explain the following: $5 \times 2 = 10$
a)   Phonetic placement
b)   MIDVAS
c)   Progressive approximation
d)   Stimulability
e)   Motoric automatization

Or

10.   Explain language based therapy.   10

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7410 – C03 – IIIS BASLP – N – 17

THIRD SEMESTER (II Year) B.A.S.L.P. DEGREE EXAMINATION, NOVEMBER 2017
DIAGNOSTIC AUDIOLOGY BEHAVIOURAL TEST

Time : 2 Hours]   [Max. Marks : 50

I.   1. a) What is the need for using a test battery approach in audiological diagnosis?   6

         b) What is sensitivity and specificity? Give example for both.   4

Or

     2. What are the audiological indicators of Cochlear Vs Retocochlear pathology.   10

II. 3. Describe the procedure and interpretation of ABLB.   10

Or

     4. a) Describe brief-tone audiometry.   5

         b) Describe any suprathreshold tone decay test.   5

III. 5. a) Describe any pure tone-based test for functional hearing loss.   5

         b) What is Lombard test? How to administer this test in clinics?   5

Or

     6. a) Describe any test for unilateral functional hearing loss.   5

         b) What is DAF? How to administer this test in clinics?   5

IV. 7. Describe the procedure and interpretation of dichotic digit test.   10

Or

     8. What is MLD? Write the procedure and interpretation of M L D.   10

V.   9   Describe the result of dichotic speech test in hemispheric and interhemispheric
         lesions.   10

Or

     10 Discuss the variables that influence test findings of functional hearing loss.   10

7411 – C04 – IIIS BASLP – N – 17

THIRD SEMESTER (II Year) B.A.S.L.P. DEGREE EXAMINATION, NOVEMBER 2017

EDUCATIONAL AUDIOLOGY

Time : 2 Hours]   [Max. Marks : 50

I.   1.   What are critical age concept and sensitivity? Emphasize its importance with reference to early identification of hearing loss   (10)

Or

2   Explain classification of hearing impairment. What is the need for classifying hearing impairment?   (10)

II. 3.   What is multisensory approach? Explain the candidacy and benefits of it with suitable examples.   (10)

Or

4.   Explain the different manual forms of communication with advantages and disadvantages of each.   (10)

III. 5. · What are the advantages of computer based language teaching? Explain any two computed based methods commercially available to teach languages to children with hearing impairment.   (10)

Or

6.   What is structured methods of language teaching? Explain any two structured methods used for training kids with hearing impairment.   (10)

IV. 7.   Emphasize the importance of the following.

(a) Vocational training   (5)

(b) Integrated education   (5)

Or

8.   What is integrated education? What are its advantages with reference to a child with hearing impairment?   (4)

V.   9.   (a) Suggest steps to reduce noise and reverberation in an integrated class room.   (6)

(b) What tips will you suggest to an adult with hearing impairment to cope up in difficult to listening situation?   (10)

Or

10. (a) What is home training? Explain its importance in rehabilitation of a child with hearing impairment.   (5)

(b) Is correspondence program and tele-rehabilitation services necessary? Justify your statement.   (5)

7412 – C05 – IIIS BASLP – N – 17

THIRD SEMESTER (II Year) B.A.S.L.P. DEGREE EXAMINATION, NOVEMBER 2017

OTOLARYNGOLOGY

Time : 2 Hours]   [Max. Marks : 50

I   1.   Describe aetiology, pathology clinical features and management of Meniere's disease. (10)

Or

2.   Describe chronic suppurative otitis media types, Clinical features and management

II   3.   Describe course of facial nerve and add a note on its role in audiology.   (10)

4.   (a)   Acoustic neuroma audiology findings clinical features   (6)

(b)   Conductive hearing loss   (4)

III 5.   Write a note on:

(a)   Acoustic tonsillitis   (5)

(b)   Cleft plate   (5)

6.   (a)   Mouth ulcers   (5)

(b)   Adenoid hypertrophy and its clinical features.   (5)

IV   7.   (a)   Describe the difference between adult and infant lavyux   (5)

(b)   Congenital anomalies of lavyux   (5)

Or

8.   Etiology, clinical features of cancer of lanyux and add a note on post lavyngectomy speech
rehabilitation   (10)

V   9.   (a)   Tracheo oesophageal fistula   (5)

(b)   Benign lesions of oesophagus.   (10)

10.   Describe anatomy of oesophagus and add a note on its malignant tumours.

7413 – C06 – IIIS BASLP – N – 17

THIRD SEMESTER B.A.S.L.P. DEGREE EXAMINATION, NOVEMBER 2017

STATISTICS AND RESEARCH METHODS

1. Simple or scientific calculator and statistical tables are allowed.
2. Answer all questions.

Time : 2 Hours]   [Max. Marks : 50

I. 1) (a) Define Statistics . Write the major limitations of Statistics.   5

      (b) Discuss different types of scale of measurement.   5

Or

  2) a) Discuss scope and applications of statistics in Biology and speech and hearing. 10

II. 3) a) Following is the distribution of 100 apples from an orchard. On weighing the result is

Weight : (gms)	100 – 120	120 – 140	140 – 160	160 – 180	180 – 200	200 – 220
No of apples:	5	8	27	34	20	6

Draw the Histogram and find the mode of the distribution.   6

    b) Define Kurtosis. Briefly explain types of Kurtosis.   4

Or

  4) a) Explain different measures of Variation.   6

    b) Compute co-efficient of Variation when Mean is 60 and Standard Deviation 3.

                                                                      4

  5) a) Calculate Spearman's coefficient of rank correlation for the following data and comment on the result.   5

Price: (Rs/Unit)	8	10	15	17	20	22	24	25
Supply (thousand units) :	25	30	32	35	37	40	42	45

    b) Write the general properties of normal distribution curve.   5

Or

6) Weight at birth of babies as a normal variate with Mean 3.5 Kgs and Standard Deviation 0.9 Kgs. Find:

    i) The probability that a new born baby weighs less than 2 kgs .

    ii) The Probability that babies expected weigh between 2.5 and 4.5 kgs: 10

IV. 7) a) Describe the various properties of student's 't' distribution.   5

    b) Write the test procedure of one sample mean test for large sample.   5

<div align="center">Or</div>

8) a) Define the following terms of Statistics.

    i) Primary data

    ii) Secondary data   4

    b) The following are the Blood Pressure of 8 persons before and after treatment:

Person	1	2	3	4	5	6	7	8
BP before treatment	92	90	86	92	88	94	90	90
BP after treatment	86	88	80	86	86	84	84	90

    Can we conclude that treatment reduces BP?   6

V. 9) Explain Group Designs.   10

<div align="center">Or</div>

10) Write an essay on reporting research study.   10

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7414 – C96 – IIIS – BASLP – N – 17

THIRD SEMESTER (II Year) B.A.S.L.P. DEGREE EXAMINATION, NOVEMBER 2017

PERSONALITY DEVELOPMENT

Time : 3 Hours]　　　　　　　　　　　　　　　　　　　　[Max. Marks : 80

Answer any **four** *from first six.* (4 × 15).
Question No. 7 is **compulsory.**

1. Define Personality and explain Psychosocial theory of Eric Erickson.

2. What are the factors that determine personality?

3. Explain the concept of self and discuss the major components of self concept.

4. Discuss the role of physical and intellectual determinants of personality.

5. Who is a leader? What are the qualities of leader?

6. What is communication? Describe the process of communication.

7. Write a note on any **four**:　　　　　　　　　　　　　　　(4 × 5)

   (a) Id Ego Super Ego

   (b) Learning

   (c) Interview

   (d) Conflict Management

   (e) Art of public speaking.