

**MANIPAL UNIVERSITY**  
**FIRST YEAR B.A.S.L.P. DEGREE EXAMINATION – AUGUST 2012**  
**SUBJECT: PSYCHOLOGY RELATED TO SPEECH AND HEARING (B 1.6)**  
**(NEW REGULATION)**

Monday, August 27, 2012

Time: 10.00-13.00 Hours

Max. Marks: 80

**Answer any EIGHT of the following. All questions carry equal marks.**

1. What is Operant conditioning? Discuss Skinner's experiments in detail.
2. What is developmental psychology? Discuss the general patterns observed in motor development.
3. Briefly discuss cognitive and emotional development across life stages.
4. Define personality. Briefly discuss personality development.
5. What is cognitive psychology? Discuss the concepts of perception and attention.
6. Discuss the scope of clinical psychology.
7. Explain psychological testing. Briefly discuss various personality tests.
8. Define personality and discuss any three tests of personality assessment in detail.
9. Define counseling. Discuss cognitive and problem-solving approach of counseling.
10. **Write short notes on any TWO of the following:**
  - 10A. Models of mental disorders
  - 10B. Pavlov's Experiment - Classical conditioning
  - 10C. Assessment of Intelligence



**MANIPAL UNIVERSITY****FIRST YEAR B.A.S.L.P. DEGREE EXAMINATION – AUGUST 2012****SUBJECT: MANAGEMENT OF THE HEARING IMPAIRED (B 1.4)  
(NEW REGULATION)**

Saturday, August 25, 2012

Time: 10.00-13.00 Hours

Max. Marks: 80

- 1A. Why should the hearing impairment be identified early?  
1B. Write on the oral form of communication for the hearing impaired. (6+6 = 12 marks)

**OR**

- 2A. Multisensory approach is better approach than Unisensory approach to teach communication to a Hearing Impaired Child. Discuss.  
2B. Define aural rehabilitation. (10+2 = 12 marks)

- 3A. Discuss the structured method of teaching hearing impaired.  
3B. Describe the maternal reflexive method. (8+4 = 12 marks)

**OR**

- 4A. Elaborate on the natural method of training the hearing impaired.  
4B. Discuss the application of computers in language training. (6+6 = 12 marks)

- 5A. Compare and contrast integrated and segregated education of the hearing impaired.  
5B. Write on the classroom modifications required for training the hearing impaired. (6+6 = 12 marks)

**OR**

- 6A. Discuss the criteria for educational placement of the hearing impaired.  
6B. Describe the home training programme. (8+4 = 12 marks)

- 7A. Classify the types of hearing aid.  
7B. Describe the FM group amplification system. (6+6 = 12 marks)

**OR**

- 8A. Discuss any two types of classroom amplification devices available for a hearing impaired child.  
8B. Write a note on the benefits of binaural amplification. (8+4 = 12 marks)

9A. What are the different styles in ear mould?

9B. Discuss the points to be included while counseling geriatric hearing aid user.

(6+6 = 12 marks)

**OR**

10A. Discuss the earmould possible modifications with its implication.

10B. Discuss the points to be considered for the care and maintenance of the hearing aids.

(6+6 = 12 marks)

**11. Write shorts notes on following:**

11A. Goal of aural rehabilitation

11B. Sensitivity period

11C. SKI-HI

11D. Pseudobinaural hearing aid

11E. Soft earmould

11F. Directional hearing aids

11G. Lesson plan

11H. Educational problems of hearing impaired children

11I. Battery life

11J. Indian sign language

(2×10 = 20 marks)



**MANIPAL UNIVERSITY****FIRST YEAR B.A.S.L.P. DEGREE EXAMINATION – AUGUST 2012****SUBJECT: SPEECH-LANGUAGE DEVELOPMENT AND DISORDERS (B 1.2)  
(NEW REGULATION)**

Friday, August 24, 2012

Time: 10.00-13.00 Hours

Max. Marks: 80

- 1A. Describe the development of syntax in children.  
1B. Write a note on the different pragmatic skills.

**OR**

- 2A. Describe the development of semantics in children.  
2B. Variegated Babbling Vs Canonical Babbling.

(8+4 = 12 marks)

- 3A. Describe on the nature-nurture controversy in the development of language.  
3B. Discuss the types of Bootstrapping with examples.

**OR**

- 4A. Elaborate on cognitive theory.  
4B. Differentiate between simultaneous Vs sequential bilingualism.

(8+4 = 12 marks)

- 5A. Describe the types and associated problems seen in children with Cerebral Palsy.  
5B. Describe the adaptive behaviours in children with intellectual disability.

**OR**

- 6A. Describe management in children with hearing impairment.  
6B. Describe the types of Seizures.

(8+4 = 12 marks)

- 7A. Describe the assessment protocol for children with autism.  
7B. Discuss the communication intervention for a child with ADHD.

**OR**

- 8A. Describe the different management options for a child with Autism.  
8B. Write a note on ADD.

(8+4 = 12 marks)

- 9A. Briefly describe the causes and language characteristics of Acquired Childhood Aphasia.  
9B. Differentiate Late Talkers from SLI.

**OR**

- 10A. Elaborate on the classification of LD.  
10B. Explain TBI.

(8+4 = 12 marks)



11. **Write short notes on:**

11A. Scaffolding

11B. Modeling

11C. Socio-Environmental causes of intellectual disability

11D. Echolalia

11E. Phonological awareness

11F. Thrombosis

11G. Code switching

11H. LKS

11I. SECS

11J. OSME

(2×10 = 20 marks)



**MANIPAL UNIVERSITY****FIRST YEAR B.A.S.L.P. DEGREE EXAMINATION – AUGUST 2012****SUBJECT: INTRODUCTION TO HUMAN COMMUNICATION (B 1.1)  
(NEW REGULATION)**

Thursday, August 23, 2012

Time: 10.00-13.00 Hours

Max. Marks: 80

- 1A. Delineate similarities and differences between speech language and communication.  
1B. Write a note on characteristics of good speech.

**OR**

- 2A. Explain the cognitive and social bases of Human communication.  
2B. Describe the various settings of service delivery of speech language pathologist.

(8+4 = 12 marks)

- 3A. Explain the lobes of cerebrum with neat diagram including the areas related to speech and language.  
3B. Explain cerebrospinal fluid.

**OR**

- 4A. Explain the divisions and functions of nervous system.  
4B. Mention the cranial nerves responsible for communication.

(8+4 = 12 marks)

- 5A. Define Respiration. Describe intrinsic muscles of respiration with its functions.  
5B. Explain hypoxia.

**OR**

- 6A. Explain with neat diagram the respiratory tract.  
6B. Describe Spirometer.

(8+4 = 12 marks)

- 7A. Describe intrinsic muscles of larynx with its origin, insertion and function.  
7B. Define wave. What is Doppler effect?

**OR**

- 8A. Explain the pitch and intensity changing mechanism.  
8B. Explain the structure of vocal fold.

(8+4 = 12 marks)

- 9A. Describe the acoustic theory of speech production.  
9B. Differentiate Active articulators Vs Passive articulators.

**OR**

- 10A. Explain intrinsic muscles of Tongue.

10B. Describe vocal tract.

(8+4 = 12 marks)

11. **Write short note on the following:**

11A. Linguistic performance

11B. Piaget

11C. Spinal Nerves

11D. Brocas area

11E. Ribs

11F. Vital Capacity

11G. Abductor muscle

11H. Simple harmonic motion

11I. Palate

11J. Voice

(2×10 = 20 marks)



**MANIPAL UNIVERSITY****FIRST YEAR B.A.S.L.P. DEGREE EXAMINATION – AUGUST 2012****SUBJECT: BASIC MEDICAL SCIENCES RELATED TO SPEECH AND HEARING (B 1.5)  
(NEW REGULATION)**

Wednesday, August 22, 2012

Time: 10.00-11.30 Hours

Max. Marks: 40

- ✍ Answer any EIGHT of the questions.
- ✍ Write answers that are brief, clear, relevant and legible.
- ✍ Illustrate your answer with diagram wherever appropriate.

**SECTION – 'C' : ENT**

1. Malignant Otitis externa
2. Functions of larynx
3. Chronic tonsillitis
4. CSOM – AAD – Management
5. Subglottic stenosis
6. Achlasia cardia
7. Spastic dysphonia
8. Anatomy of inner ear
9. Hearing aids
10. Cleft palate

(5×8 = 40 marks)





**MANIPAL UNIVERSITY****FIRST YEAR B.A.S.L.P. DEGREE EXAMINATION –AUGUST 2012****SUBJECT: BASIC MEDICAL SCIENCES RELATED TO SPEECH AND HEARING (B 1.5)  
(NEW REGULATION)**

Tuesday, August 21, 2012

Time: 10.00-11.30 Hours

Max. Marks: 40

✍ **Answer Section A, Section B in separate answer books.****SECTION – ‘A’ : ANATOMY : 20 MARKS**

1. Classify the bones. Add a note on its structure.

(5+3 = 8 marks)

2. **Write short notes on:**

2A. Inner ear

2B. Spinal nerves

2C. Blood vessels

(4×3 = 12 marks)

**SECTION – ‘B’ : PHYSIOLOGY: 20 MARKS**3. **Answer the following questions:**

3A. Describe the events that occur during neuromuscular transmission.

3B. Describe the actions of thyroid hormones.

(5×2 = 10 marks)

4. **Answer the following:**

4A. Mention two functions of testosterone.

4B. List two functions of the middle ear.

4C. Define active transport. Give an example.

4D. Define blood pressure. Give its normal value.

4E. Define pulmonary ventilation. Give its normal value.

(2×5 = 10 marks)

