

Question Paper

Exam Date & Time: 02-Dec-2019 (02:00 PM - 05:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST SEMESTER BASLP DEGREE EXAMINATION - DECEMBER 2019
SUBJECT: B 1.1 - COMMUNICATION SCIENCES: PART A - SPEECH LANGUAGE
PATHOLOGY; PART B - AUDIOLOGY
(2017 SCHEME)

Monday, December 02, 2019 (14.00 - 17.00) Answer all

questions.

Marks: 100

Duration: 180 mins.

Long Answers:

- 1) Explain the components of Speech and Language and discuss Speech as an overlaid function. (20)
- 2) Explain characteristics and application of dB concept. (20)
- 3) What are the pre-requisites for speech and language development? (10)
- 4) Discuss different branches of audiology. (10)

5) Short Essays:

- 5A) MAP vs MAF Scope of (5)
- 5B) Audiology (5)
- 5C) What is Speech chain? (5)
- 5D) Vocal tract (5)
- 5E) RETSPL (5)
- 5F) Explain the interdisciplinary nature of speech-language pathology. (5)

6) Short Notes:

- 6A) Audiologist (2)
- 6B) Bilingualism (2)
- 6C) Pitch (2)
- 6D) Babbling (2)
- 6E) Raymond Carhart (2)

-----End-----

Question Paper

Exam Date & Time: 03-Dec-2019 (02:00 PM - 05:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST SEMESTER BASLP DEGREE EXAMINATION - DECEMBER 2019
SUBJECT: B 1.2 - ANATOMY AND PHYSIOLOGY OF SPEECH AND HEARING
(2017 SCHEME)

Tuesday, December 03, 2019 (14.00 - 17.00)

Answer all the questions.

Marks: 100

Duration: 180 mins.

Long Answers:

- 1) Explain the mechanism of phonation using suitable illustrations. (20)
- 2) With the help of neat diagram, explain the anatomy of middle ear cavity. (20)
- 3) Explain the contribution of articulatory mechanism for speech production. (10)
- 4) Explain any two theories of bone conduction. (10)

5) Write short notes on following:

- 5A) Types of muscles (5)
- 5B) Embryological development of middle ear (5)
- 5C) Anatomy of oesophagus (5)
- 5D) Inner hair cell vs outer hair cell (5)
- 5E) Efferent system (5)
- 5F) Structure of the tongue (5)

6) Explain briefly:

- 6A) Cochlear microphonic (2)
- 6B) Head shadow effect (2)
- 6C) Quiet breathing (2)
- 6D) Auditory nerve (2)
- 6E) Spirometer (2)

-----End-----



MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST SEMESTER BASLP DEGREE EXAMINATION - DECEMBER 2019

SUBJECT: B 1.3 - AUDIOLOGY

(2017 SCHEME)

Wednesday, December 04, 2019 (14.00 - 17.00)

Marks: 100

Duration: 180 mins.

Long Answers:

- 1) Explain different types of tuning fork test and its advantage and disadvantage. (20)
- 2) Write in detail about the procedure involved in speech audiometry. (20)
- 3) What factors need to be determined while doing clinical masking? (10)
- 4) What are the steps involved in biological calibration? (10)

- 5) **Write short essays on:**
- 5A) Explain masking dilemma. (5)
- 5B) Importance of case history (5)
- 5C) Explain fusion infer test (FIT). (5)
- 5D) PIPB function (5)
- 5E) Add a note on different types of transducers (5)
- 5F) Just noticeable difference (5)

- 6) **Write short notes on:**
- 6A) Pitch (2)
- 6B) Screening audiometer (2)
- 6C) SDT (2)
- 6D) Audiogram (2)
- 6E) Dynamic range (2)

-----End-----

Question Paper

Exam Date & Time: 05-Dec-2019 (02:00 PM - 05:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST SEMESTER BASLP DEGREE EXAMINATION - DECEMBER 2019

SUBJECT: B 1.4 - LINGUISTICS AND PHONETICS
(2017 SCHEME)

Thursday, December 05, 2019 (14.00 - 17.00)

Marks: 100

Duration: 180 mins.

Answer all the questions.

- 1) With the help of suitable examples, list and explain the various types of writing systems. (20)
- 2) In Phonetics, what parameters are used to describe vowel sounds? What are cardinal vowels? Draw a neatly labelled diagram to illustrate primary and secondary cardinal vowels. (20)
- 3) What is the purpose of linguistic analysis? Write a brief note any two methods of syntactic analysis. (10)
- 4) Describe paradigmatic and syntagmatic relationships with examples. How is it relevant in the field of speech language pathology? (10)
- 5A) What are free and bound morphemes? Explain with examples. (5)
- 5B) Explain the concept of semantic feature theory. (5)
- 5C) Explain the notions of Langue and Parole. (5)
- 5D) Explain biological maturation theory. (5)
- 5E) Within the scope of Second Language Acquisition, explain the terms 'interference' and 'transfer'. (5)
- 5F) List the major language families found in India and provide an example for each. (5)
- 6A) With the help of an example, define Epenthesis. (2)
- 6B) Define Discourse. (2)
- 6C) With the help of an example, define Co-articulation. (2)
- 6D) What is code switching? (2)
- 6E) With the help of an example, explain "affricates" as a manner of articulation. (2)

-----End-----

Question Paper

Exam Date & Time: 06-Dec-2019 (02:00 PM - 05:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST SEMESTER BASLP DEGREE EXAMINATION - DECEMBER 2019

SUBJECT: B 1.5 - ELECTRONICS AND ACOUSTICS
(2017 SCHEME)

Friday, December 06, 2019 (14.00 - 17.00)

Marks: 100

Duration: 180 mins.

Long Answers:

- 1A) Explain construction and working of UJT. (15)
- 1B) Working of thyristor (5)
- 2A) What is digital signal processing? Explain sampling and quantization. (10)
- 2B) FIR and IIR filters. (10)
- 3) The working and characteristics of microphone (10)
- 4) Important requisites of an audiometric room (10)

5) Write short notes on the following:

- 5A) Basic stages of power supply (5)
- 5B) Working of transistor as an amplifier (5)
- 5C) LCD (5)
- 5D) RS flip flop (5)
- 5E) Sabine's formula (5)
- 5F) Immittance meter (5)

6) Explain briefly:

- 6A) LED (2)
- 6B) Zero crossing rate (2)
- 6C) Digital and Analog signals (2)
- 6D) Stiffness and compliance (2)
- 6E) Otoacoustic emission (2)

-----End-----

Question Paper

Exam Date & Time: 07-Dec-2019 (02:00 PM - 05:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST SEMESTER BASLP DEGREE EXAMINATION - DECEMBER 2019

SUBJECT: B 1.6 - SPEECH LANGUAGE PATHOLOGY

(2017 SCHEME)

Saturday, December 07, 2019 (14.00 - 17.00) Answer all the

questions.

Marks: 100

Duration: 180 mins.

Answer all the questions.

- 1A) Explain the types and characteristics of language disorders. (10)
- 1B) Describe the assessment procedure for adult language disorders. (10)
- 2A) Briefly explain the speech therapeutics terminologies. (10)
- 2B) What are the concessions available for speech language disabilities. (10)
- 3) Provide an overview of assessment for fluency disorders. (10)
- 4) Explain the basic principles in assessment, evaluation and appraisal. (10)

5) Write short notes on the following:

- 5A) DDK (5)
- 5B) Disability vs. handicap (5)
- 5C) Bloom and Lahey model for speech diagnostics (5)
- 5D) RCI rules and regulations (5)
- 5E) Speech therapy termination criteria (5)
- 5F) Importance of reinforcement in speech and language therapy (5)

6) Explain briefly:

- 6A) Team diagnosis (2)
- 6B) Yawn-Sigh Technique (2)
- 6C) Distinctive features approach (2)
- 6D) Technique (2)
- 6E) AAC (2)

-----End-----