

Question Paper

Exam Date & Time: 19-Apr-2021 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST SEMESTER BACHELOR IN AUDIOLOGY & SPEECH LANGUAGE PATHOLOGY DEGREE EXAMINATION - APRIL
2021

SUBJECT: B 1.1 - COMMUNICATION SCIENCES:
PART A - SPEECH LANGUAGE PATHOLOGY
PART B - AUDIOLOGY
(2017 SCHEME)

Marks: 100

Duration: 180 mins.

Long answers:

- 1) Briefly discuss the historical development of the field of audiology and speech language pathology in global and Indian context. (20)
- 2) Explain the acoustic theory of speech production with a neat diagram. (20)
- 3) Explain the procedure to obtain MAP and MAF. (10)
- 4) Define speech, language and communication and delineate the similarities and differences between each. (10)

5. Short essay:

- 5A) RETSPL (5)
- 5B) Applications of dB concept. (5)
- 5C) Procedure to estimate MCL. (5)
- 5D) Explain the prerequisites for speech and language development. (5)
- 5E) Explain the properties of language. (5)
- 5F) Explain the classification of bilinguals. (5)

6. Short notes:

- 6A) Frequency (2)
- 6B) Sensation level (2)
- 6C) Threshold (2)
- 6D) Babbling (2)
- 6E) Types of Morphemes (2)

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Question Paper

Exam Date & Time: 21-Apr-2021 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST SEMESTER BACHELOR IN AUDIOLOGY & SPEECH LANGUAGE PATHOLOGY DEGREE EXAMINATION - APRIL

2021

SUBJECT: B 1.2 - ANATOMY AND PHYSIOLOGY OF SPEECH AND HEARING
(2017 SCHEME)

Marks: 100

Duration: 180 mins.

Answer all the questions.

Long answers:

- 1) Explain central auditory pathway with neat diagram. (20)
- 2) With a neat labelled diagram explain the laryngeal framework. (20)
- 3) Write a note on middle ear transformer function. (10)
- 4) Briefly explain the physiology of vestibular system. (10)

5. Short essay:

- 5A) Function of pinna. (5)
- 5B) Ossicles (5)
- 5C) Compressional bone conduction theory. (5)
- 5D) Oral stage of swallowing. (5)
- 5E) Mandible (5)
- 5F) Muscles of expiration. (5)

6. Short notes:

- 6A) Middle ear muscles. (2)
- 6B) Utricle (2)
- 6C) OHC (2)
- 6D) Vital capacity (2)
- 6E) Esophagus (2)

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Question Paper

Exam Date & Time: 23-Apr-2021 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST SEMESTER BACHELOR IN AUDIOLOGY & SPEECH LANGUAGE PATHOLOGY DEGREE EXAMINATION - APRIL
2021
SUBJECT: B 1.3 - AUDIOLOGY
(2017 SCHEME)

Marks: 100

Duration: 180 mins.

Long Answers:

- 1) Explain subjective calibration for air conduction audiometry. (20)
- 2) Explain the factors affecting speech audiometry. (20)
- 3) Define loudness and write on application of equal loudness level contours. (10)
- 4) Explain Plateau method of masking. (10)

5. Short Essay:

- 5A) Compare different Loudness scales. (5)
- 5B) Need for case history. (5)
- 5C) Describe modified Hughson and Westlake procedure. (5)
- 5D) Rinne test. (5)
- 5E) Factor affecting air conduction threshold. (5)
- 5F) Permissible noise levels in the audiometric room. (5)

6. Short Notes:

- 6A) Pitch scales. (2)
- 6B) Parts of an Audiometer. (2)
- 6C) Cross hearing. (2)
- 6D) Inter-aural attenuation for insert receiver. (2)
- 6E) Schwabach tuning fork. (2)

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