

Question Paper

Exam Date & Time: 26-Jul-2022 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST SEMESTER BACHELOR IN AUDIOLOGY & SPEECH LANGUAGE PATHOLOGY DEGREE EXAMINATION - JULY
2022

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

Marks: 100

Duration: 180 mins.

Answer all the questions.

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| 1A) | Draw a neat diagram of organ of corti and label the parts. | (10) |
| 1B) | Describe the neurophysiology of cochlea. | (10) |
| 2) | Explain briefly the intrinsic muscles of the larynx. Describe the pitch and intensity changing mechanism with the help of diagrams. (10+10 = 20 marks) | (20) |
| 3) | Explain the various walls of the middle ear with their important landmarks. | (10) |
| 4) | Describe the various muscles of respiration. Highlight on the differences between speech and quiet breathing. | (10) |
| 5A) | Bony labyrinth. | (5) |
| 5B) | Helmholtz resonance valley theory. | (5) |
| 5C) | Articulatory framework. | (5) |
| 5D) | Resonant frequency of the external ear. | (5) |
| 5E) | Auditory cortex. | (5) |
| 5F) | Mandible | (5) |
| 6A) | Myoelastic aerodynamic theory. | (2) |
| 6B) | Esophagus | (2) |
| 6C) | Curved membrane principle. | (2) |
| 6D) | Embryonic anomaly of the external ear. | (2) |
| 6E) | Arytenoids | (2) |

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Question Paper

Exam Date & Time: 27-Jul-2022 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST SEMESTER BACHELOR IN AUDIOLOGY & SPEECH LANGUAGE PATHOLOGY DEGREE EXAMINATIONS - JULY
2022
SUBJECT: B 1.3 - AUDIOLOGY
(2017 SCHEME)

Marks: 100

Duration: 180 mins.

Long Answer:

- 1) Build and Formulate on essential factors to be included in case history for adults. (20)
- 2) What is the importance of tuning fork test? Explain Weber Tuning fork Test in detail. (20)
- 3) Explain the factors affecting Bone conduction (10)
- 4) Explain PIPB function (10)

5. Short Essays:

- 5A) Daily Listening Checks (5)
- 5B) Factors affecting interaural attenuation (5)
- 5C) Headphones (5)
- 5D) Equal Loudness Contour (5)
- 5E) UCL and MCL (5)
- 5F) Audiogram (5)

6. Short Answers:

- 6A) Coupler (2)
- 6B) Pitch Scales (2)
- 6C) Causes for hearing loss in children (2)
- 6D) Types of noises used in masking (2)
- 6E) Speech Masking (2)

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Question Paper

Exam Date & Time: 28-Jul-2022 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST SEMESTER BACHELOR IN AUDIOLOGY & SPEECH LANGUAGE PATHOLOGY DEGREE EXAMINATION - JULY
2022
SUBJECT: B 1.4 - LINGUISTICS AND PHONETICS
(2017 SCHEME)

Marks: 100

Duration: 180 mins.

Answer all the questions.

Long Answers :

- 1) Classify the different scenarios in which second language is acquired. How is Second language acquisition different from Second language learning? (20)
- 2) List the major language families of the world along with an example of each. Identify which of these are spoken in India. (20)
- 3) What are endocentric and exocentric constructions in syntax? Provide examples to illustrate your answer. (10)
- 4) Identify the parameters for classifying consonant sounds. Add a note on affricates and aspirated plosives in Indian languages. Provide examples to support your answer. (10)

5. Short Essay :

- 5A) Define and explain Metalanguage. Add a note on Metaphonology. (5)
- 5B) With the help of suitable examples, classify sentences into their types. (5)
- 5C) Explain language acquisition in terms of the Biological maturation theory. (5)
- 5D) What are distinctive features in phonology? Provide examples where necessary from any language known to you. (5)
- 5E) List the objectives of performing linguistic analysis. How is it applied to planning speech & language therapy? (5)
- 5F) Summarise the various approaches to Communicative competence. (5)

6. Short notes :

- 6A) What is co-articulation? (2)
- 6B) Define Langue, Parole, Competence and Performance. (2)
- 6C) List the major types of transformations which occur between Deep & Surface structure. (2)
- 6D) Define FREE and BOUND morphemes. (2)
- 6E) What are semi vowels? (2)

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