

Question Paper

Exam Date & Time: 28-Jun-2022 (10:00 AM - 12:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

SECOND SEMESTER BACHELOR OF AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY DEGREE EXAMINATION -
JUNE 2022

SUBJECT: BST3202 - BIOSTATISTICS AND RESEARCH METHODOLOGY
(2020 SCHEME)

Marks: 50

Duration: 120 mins.

Answer all the questions.

- 1) Compute the mean, median, mode and inter-quartile range for the following data. (10)

Body Mass Index
24.4
26.4
24.9
25.5
22.8
29.6
31.9
28.8
31.5
26.8

(2+3+2+3 = 10 marks)

- 2A) State any five properties of an ideal measure of dispersion. (5)
- 2B) Median = _____ Quartile = _____ Percentile. (2)
- 2C) Define the three types of epidemiologic curves. (3)
- 3A) Define Pearson's Correlation and state its assumptions. (5)
- 3B) List the properties of Normal Distribution. (5)
- 3C) Define and differentiate case report and case series with an example. (5)
- 3D) Write a short note on simple random sampling and list its advantages and disadvantages. (5)
- 4A) Give two examples of a dichotomous variable. (2)
- 4B) Write any two uses of a scatter plot. (2)
- 4C) What is the difference between a bar chart and a histogram? (2)
- 4D) Write any two situations where complete enumeration is impossible. (2)
- 4E) Define prevalence and incidence. (2)

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Question Paper

Exam Date & Time: 30-Jun-2022 (10:00 AM - 12:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

SECOND SEMESTER BASLP DEGREE EXAMINATION - JUNE/JULY 2022
SUBJECT: CPY2202 - CLINICAL PSYCHOLOGY
(2020 SCHEME)

Marks: 50

Duration: 120 mins.

Answer all the questions.

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|-----|--|------|
| 1) | Define psychology and enumerate different branches of psychology. | (10) |
| 2) | Define clinical psychology and explain the concept of normality and abnormality. | (10) |
| 3A) | What is introspection? List its merits and demerits. | (5) |
| 3B) | Summarise the two-factor theory of intelligence. | (5) |
| 3C) | Subtypes of Schizophrenia. | (5) |
| 3D) | List the steps in crisis intervention. | (5) |
| 4A) | Binocular cues in the perception. | (2) |
| 4B) | Reinforcement. | (2) |
| 4C) | Short term memory. | (2) |
| 4D) | Which are the two major classificatory systems available for mental disorders? | (2) |
| 4E) | ADHD | (2) |

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Question Paper

Exam Date & Time: 02-Jul-2022 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

SECOND SEMESTER BACHELOR IN AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY DEGREE EXAMINATION -
JUNE/JULY 2022

SUBJECT: ASL1201 - NEUROLOGY
(2020 SCHEME)

Answer ALL questions.

Marks: 100

Duration: 180 mins.

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|-----|--|------|
| 1) | Discuss the cognitive disorders associated with neurologic disorders? | (20) |
| 2) | Describe the structure and function of the basal ganglia using suitable illustrations. | (20) |
| 3) | Explain the developmental anomalies of the spinal cord. | (10) |
| 4) | Explain the extra-pyramidal system with suitable illustrations. | (10) |
| 5A) | What are the functions of CN XI and XII? | (5) |
| 5B) | Hypokinetic vs Hyperkinetic disorders. | (5) |
| 5C) | Explain the classification of the nervous system. | (5) |
| 5D) | What is ataxic dysarthria? | (5) |
| 5E) | What are neuronal storage disorders? | (5) |
| 5F) | Elaborate on the phases of swallowing? | (5) |
| 6A) | Medulla | (2) |
| 6B) | Parasympathetic ANS. | (2) |
| 6C) | Spinal cord. | (2) |
| 6D) | Tracts vs Nerves. | (2) |
| 6E) | Dementia | (2) |

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Question Paper

Exam Date & Time: 04-Jul-2022 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

SECOND SEMESTER BACHELOR OF AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY DEGREE EXAMINATION -
JUNE/JULY 2022

SUBJECT: ASL1202 - OTOLARYNGOLOGY
(2020 SCHEME)

Answer ALL questions.

Marks: 100

Duration: 180 mins.

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| 1) | Enumerate the types of phonosurgery and write a brief note on each type. | (20) |
| 2) | Discuss the etiology, clinical features, investigations, and management of oral carcinoma. | (20) |
| 3) | Discuss the impedance matching mechanism of the middle ear. | (10) |
| 4) | Discuss the clinical features and management of Vestibular Schwannoma. | (10) |
| 5A) | Describe Reinke's oedema and discuss clinical features and Management. | (5) |
| 5B) | Explain the procedure of Pure tone Audiometry and various interpretations. | (5) |
| 5C) | Herpes zoster oticus - explain clinical features and management. | (5) |
| 5D) | Management of unilateral vocal cord paralysis. | (5) |
| 5E) | Indications and complications of BAHA. | (5) |
| 5F) | Oral submucous fibrosis - explain clinical features and management. | (5) |
| 6A) | Enumerate causes of sensorineural hearing loss. | (2) |
| 6B) | Enumerate premalignant conditions of oral cavity. | (2) |
| 6C) | Enumerate types of thyroplasty. | (2) |
| 6D) | Enumerate causes of otalgia. | (2) |
| 6E) | Indications of direct laryngoscopy. | (2) |

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