

# Question Paper

Exam Date & Time: 30-May-2024 (10:00 AM - 12:00 PM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

**SIXTH SEMESTER BPT/BOT/B.Sc. (ESS/ RRT & DT / RT / MIT) / FOURTH SEMESTER B.Sc. (PFT / CVT / CND / MLT / HIM / BOPT / BAOTT / RT / EMT / PHYSICIAN ASSISTANT / PSYCHOLOGY / NMT) / EIGHT SEMESTER (BPT / BOT) / SECOND SEMESTER BASLP DEGREE EXAMINATION - MAY/JUNE 2024**  
**SUBJECT: BST3201 / STAT 402 / BST 3202 - BIOSTATISTICS AND RESEARCH METHODOLOGY / BIOSTATISTICS / BASIC BIOSTATISTICS AND RESEARCH METHODOLOGY**  
**(2016/2020/2022 SCHEME)**

**Marks: 50**

**Duration: 120 mins.**

**Answer all the questions.**

- |     |  |     |
|-----|--|-----|
| 1A) | Elaborate graphical representation with examples.  | (5) |
| 1B) | Explain the properties of normal distribution with diagram.  | (5) |
| 2A) | Describe different types of clinical study designs.  | (5) |
| 2B) | Write short notes on non-probability sampling.   | (5) |
| 3A) | The triglycerides (serum) (in mg/dL) of 10 patients were as follows:<br>155, 150, 106, 89, 63, 68, 144, 125, 130, 74<br>Calculate mean, and standard for the above data. | (5) |
| 3B) | Define the following: (i) Incidence rate (ii) prevalence rate.   | (5) |
| 3C) | Discuss about regression analysis and its two equations.   | (5) |
| 3D) | Write short notes on research process.   | (5) |
| 4A) | Define skewness.   | (2) |
| 4B) | The following are the weights for 10 patients. Calculate range and mode 60, 54, 74, 82, 59, 63, 72, 89, 58, 85.  | (2) |
| 4C) | What is meant by systematic sampling?  | (2) |
| 4D) | Define scatter plot.   | (2) |
| 4E) | Define case report.  | (2) |

-----End-----

# Question Paper

Exam Date & Time: 03-Jun-2024 (10:00 AM - 12:00 PM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

FOURTH SEMESTER B.Sc. (RRT & DT/RT/EMT/HIM/MIT/BOATT/CND/PHYSICIAN ASSISTANT) DEGREE EXAMINATION -  
MAY/JUNE 2024  
SUBJECT: GPY2201 - GENERAL PSYCHOLOGY  
(2020/2022 SCHEME)

Marks: 50

Duration: 120 mins.

Answer all the questions.

- |     |  |      |
|-----|--|------|
| 1)  | Define Psychology. Summarize the schools of Psychology | (10) |
| 2)  | Explain the different theories of Forgetting           | (10) |
| 3A) | Personality Assessment                                 | (5)  |
| 3B) | Maslow's theory of motivation                          | (5)  |
| 3C) | Schedules of reinforcement                             | (5)  |
| 3D) | Types of Perceptual constancy                          | (5)  |
| 4A) | Independent variable                                   | (2)  |
| 4B) | Negative emotions                                      | (2)  |
| 4C) | Chunking   | (2)  |
| 4D) | Algorithm  | (2)  |
| 4E) | Two factor theory of intelligence                      | (2)  |

-----End-----