# CBCS SCHEME

USN 20MCA15

First Semester MCA Degree Examination, July/August 2022
Research Methodology and IPR

Time: 3 hrs. Max. Marks: 100

Note: Answer any FIVE full questions, choosing ONE full question from each module.

## Module-1

a. What is Research? Explain objectives of Research and Motivation in Research. (10 Marks)
 b. Explain the problems encountered by Researchers in India. (10 Marks)

## OR

a. Briefly explain with a neat diagram, Research process with a flow chart.
 b. Explain the concepts of Research methods Vs Methodology.
 (10 Marks)
 (10 Marks)

## Module-2

3 a. What is a Research problem which are the techniques involved in defining problem? Explain.

(10 Marks)

b. Explain the concepts of Reviewing the selected literature.

#### (10 Marks)

4 a. How to develop a Theoretical frame work in Reviewing the literature? (10 Marks)

b. Explain with suitable example, writing about the literature reviewed.

## (10 Marks)

# Module-3

5 a. Explain the various concepts relating to Research Design. (10 Marks)

Explain any 2 types of Informal experimental definitions in Research.

#### (10 Marks)

#### OR

6 a. Explain Criteria of selecting a sampling procedure in Research Design. (10 Marks)

Explain with neat diagram of chart showing basic sampling design.

#### (10 Marks)

## Module-4

a. What is a method of Data collection? Explain with a neat diagram of collection of Primary Data. (10 Marks)

b. Explain selection of Appropriate method in Data collection.

## (10 Marks)

OR

8 a. What is Interpretation? Explain technique of Interpretation. (10 Marks)

b. Explain different steps in writing Report.

(10 Marks)

# Module-5

9 a. What is Intellectual property? Explain Copyrights and Protectable in Intellectual property.

(10 Marks)

b. Explain International Trade Mark Association and World Intellectual Property Organization.

(10 Marks)

#### OR

10 a. What is a Patent? Explain Indian Patent Acts 1970.

(10 Marks)

b. What is a Copy Rights Act? Explain Copy Rights Act 1957.

(10 Marks)

Any revealing of identification, appeal to evaluator and /or equations written eg. 42+8 = 50, will be treated as malpractice Important Note: 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages 2. Any revealing of identification, appeal to evaluator and /or equations written eg. 42+8 = 50, will be