

2207H045

Master of Vocation
Program Name: Public Health
Subject: Introduction to Research
Subject Code: OAH-802
Semester: Second
Session: July 2022
Theory (External): 70 Marks
Time: 03 Hours

Instructions to the Students

1. This Question paper consists of two Sections. All sections are compulsory.
2. Section A comprises 10 questions of objective type in nature. All questions are compulsory. Each question carries 02 marks.
3. Section B comprises 8 essay type questions out of which students need to do any 5. Each question carries 10 marks.
4. Read the questions carefully and write the answers in the answer sheets provided.
5. Do not write anything on the question paper.
6. Wherever necessary, the diagram drawn should be neat and properly labelled

Roll Number

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SECTION -A (SHORT/OBJECTIVE TYPE QUESTIONS)
(10x2=20 Marks)

- A. Define Null hypothesis?
- B. Enumerate three public health problems of India.
- C. Define Experimental study design.
- D. Define grey literature in health research.
- E. Define impact factor of a journal.
- F. Define focused group discussion.
- G. Enumerate three characteristics of technical writing.
- H. Which of the following is not a method of literature review?
 - a. Narrative review
 - b. Systematic review
 - c. Experimental
 - d. Meta-synthesis
- I. Which of the following is a parametric test:
 - a. T-test
 - b. Mann Whitney test
 - c. Chi-square test
 - d. Fisher exact test
- J. Define critical literature review?

SECTION -B (ESSAY TYPE QUESTIONS)
(5x10=50 Marks)

1. Describe Cross-sectional study design and its use in health research.
2. Discuss the common biases occurring in health research.
3. What are the differences between narrative review and systematic review?
4. Discuss the role of focused group discussion in health research?
5. Describe the role of simulation in improving healthcare and research?
6. Discuss the role of reliability and validity in health research.
7. Describe the principles of ethics as applicable to health research.
8. Describe the characteristics and importance of literature survey.

===END OF THE PAPER===