Roll No. Total No. of Pages: 01

Total No. of Questions: 08

M.Tech. (Civil Engineering / Geotechnical Engineering) (Sem.-1) RESEARCH METHODOLOGY AND IPR

Subject Code: MTGT114-18

M.Code: 93279

Date of Examination: 27-01-23

Time: 3 Hrs. Max. Marks: 60

INSTRUCTIONS TO CANDIDATES:

- 1. Attempt any FIVE questions out of EIGHT questions.
- 2. Each question carries TWELVE marks.
 - 1. Define and explain the term "Research". What are the characteristics and functions of a research?
 - 2. What is ethics in research? What are ethical issues concerning the research participants of a research activity? Explain
 - 3. Explain the steps to be followed in writing a research report.
 - 4. What is the need for review of literature? What are the steps involved to conduct literature review for research and explain each one briefly.
 - 5. What is Hypothesis? What is the significance of formulating the hypothesis in research work?
 - 6. What is data collection? Classify data based on the nature of data collection. How data quantification can be done in research fields?
 - 7. Explain the process of patenting. What kind of information is presented in a typical patent document?
 - 8. Write short notes on the following:
 - a) Patents
 - b) Designs
 - c) Trade Marks
 - d) Copyright

NOTE: Disclosure of Identity by writing Mobile No. or Marking of passing request on any paper of Answer Sheet will lead to UMC against the Student.

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