

**BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(MID SEMESTER EXAMINATION)**

**CLASS: BHMCT
BRANCH: HMCT**

**SEMESTER: VII
SESSION : MO/2018**

SUBJECT : HM7211 RESEARCH PROJECT DESIGN AND METHODOLOGY

TIME: 1.5 HOURS

FULL MARKS: 25

INSTRUCTIONS:

1. The total marks of the questions are 30.
 2. Candidates may attempt for all 30 marks.
 3. In those cases where the marks obtained exceed 25 marks, the excess will be ignored.
 4. Before attempting the question paper, be sure that you have got the correct question paper.
 5. The missing data, if any, may be assumed suitably.
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- Q1 (a) Enlist the objectives of research. [2]
(b) Differentiate between empirical and conceptual research. [3]
- Q2 (a) Define research problem. [2]
(b) Distinguish between dependent and independent variables. [3]
- Q3 Describe the different types of observation methods of data collection. [5]
- Q4 Explain research design in experimental research studies. [5]
- Q5 (a) Define primary data. [2]
(b) Enlist the advantages of case study method. [3]
- Q6 Explain the different methods of mechanical devices of data collection. [5]

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