

MANIPAL UNIVERSITY**FIRST SEMESTER M.A. (ID) DEGREE EXAMINATION – NOVEMBER 2017****SUBJECT: MID 605 – RESEARCH METHODS FOR INTERIOR DESIGN**

Monday, November 13, 2017

Time: 10:00 – 13:00 Hrs.

Max. Marks: 50

✍ Answer any FIVE full questions.

1A. Explain various stages of a Research Process.

1B. What are the different types of researches? Explain the classification of research based on objectives and methods.

(5+5 = 10 marks)

2A. What is the significance of “sampling” in research? What are different methods of sampling?

2B. Explain the basic features and nature of “Environmental Behaviour Research” as applied to Interior Design.

(5+5 = 10 marks)

3. A research project is to arrive at appropriate seating for primary schools classes. It involves verification of appropriateness of existing type of seating and design of new type seating if needed. What all information do we need to collect for this research? What are the possible methods of data collection?

(10 marks)

4 A design problem involves creation of cubicles in a large office space using partition-walls. The aim is to create individual work-spaces for employees, without creating a feel of isolation. “Feeling of enclosure/ enclosedness” is found to be related to various factors like: Area of cubicle, Height of partition, Height of partitions in relation to area, Visibility, Illumination, speech privacy, colour & texture characteristics of partition etc. It is also known that increased height of partition adds to the feeling of enclosure, while increased area of cubicle decreases the feeling of enclosure. So it is decided to study the combined effect of height of partition and cubicle area in creating “feeling of enclosedness”.

4A. You are required to design the research experiment by:

i) Formulating the problem

ii) Listing the significant variables

iii) Identifying Dependent, Independent and extraneous variables

iv) Suggesting method of measurement and scale of the dependent and independent variables

(2+2+2+2 = 8 marks)

4B. What are the probable outcomes of this experiment?

(2 marks)

- 5A. Explain the basic advantages and limitations of a questionnaire survey.
- 5B. Explain “variables”, “measurement method” and “scale” in the context of evaluation and comparison of “comfort” in use two types of chair”.

(5+5 = 10 marks)

6. **Explain the following briefly:**

- 6A. Personal space theory and its application in interior design
- 6B. Importance of Statistical methods in Research

(5+5 = 10 marks)

