POST-GRADUATE COURSE

Term End Examination – June, 2019

MASTER OF LIBRARY AND INFORMATION SCIENCE

Paper-VII : Research Methodology

(New : From July 2016 Enrolment Session.)

Time : 4 Hours **Full Marks : 100**

(Weightage of Marks : 80%)

Special credit will be given for accuracy and relevance in the answer. Marks will be deducted for incorrect spelling, untidy work and illegible handwriting. The weightage for each question has been indicated in the margin.

GROUP – A

Answer any *two* of the following questions :

18 × 2 = 36

1. Describe the steps in general you need to follow for preparing your MLIS dissertation. 18

2. Define research. What are its main objectives ? Make a comparative study of Fundamental Research and Applied Research. 4 + 4 + 10

3. What is 'Data' ? How important are data in pursuing research ? Differentiate between the quantitative and qualitative data. Write the steps involved in the analysis of qualitative data.

2 + 4 + 4 + 8

4. A library has 55 staff-members. 30% of them are female. The ages of the employees are given below :

48	18	51	32	56	52	54	60	44	30
50	29	53	23	51	46	19	52	45	23
50	26	53	40	53	59	52	19	37	54
33	19	55	44	60	24	20	30	39	35
25	44	47	65	65	61	50	49	47	51
65	28	63	60	48					

(i) Prepare a Grouped Frequency Distribution.

(ii) Find the Median value.

(iii) Construct Ogives, Histogram and Frequency Polygon.

(iv) Construct Bar diagram showing the number of male and female employees.

5 + 3 + 8 + 2

GROUP – B

Answer any *three* of the following questions :

12 × 3 = 36

5. Define 'Sample' and 'Population'. Discuss different types of sampling methods. 4 + 8

6. Differentiate between survey research and case study research. What tools and techniques are used for data collection in survey research ? 4 + 8

7. "In scientific inquiry, the first and foremost step is that of selecting and defining a research problem." Elucidate the statement. 12

8. Discuss the points why literature review is essential in any research process. How do you organise the report of literature review in your research study ?

9. Discuss roles of two Government agencies conducting socio-demographic survey regularly in India. 6 + 6

10. What is variable ? Discuss the characteristics of variable. Distinguish between Univariate, Bivariate and Multivariate datasets. 3 + 4 + 5

GROUP – C

Answer any *four* of the following : 7 × 4 = 28

11. What do you understand by Research Methodology ? How does it differ from Research methods ? 4 + 3

12. Briefly write the steps you need to follow for managing references of your research work in Zotero. 7

13. Write a short note on Hypothesis. 7

14. Write a short note on Skewness. 7

15. Write a short note on Plagiarism. 7

16. Write a short note on Frequency distribution. 7

17. Differentiate between Correlation and Regression. 7