



HALDIA INSTITUTE OF TECHNOLOGY

(AN AUTONOMOUS INSTITUTION UNDER MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WEST BENGAL)

Paper Code: MCS-AC 105

Paper Name: Research Methodology and IPR

Time Allotted: 3 Hours

Full Marks: 70

The figures in the margin indicate full marks

Candidates are required to give their answers in their own words as far as practicable

Group – A

(Multiple Choice Type Questions)

Choose the correct alternatives from the followings:

10 x 1 = 10

1. (i) Who defined “Research” as “systematized effort to gain new knowledge”
a) Tom & Jerry b) Redman and Mory c) F.W Taylor d) Ross Taylor
- (ii) A hypothesis is a
a) Tentative statement whose validity is still to be tested
b) Supposition which is based on the past experiences
c) Statement of fact d) All of the above
- (iii) In case of destructive testing’s, the best method of research is
a) Sampling b) Complete enumeration c) Census survey d) None of the above
- (iv) The method of Randomization involves
a) lottery b) Coin method c) Tippit’s table of random digits d) All of the above
- (v) Kotz has been divided field studies into
a) Exploratory b) Hypothesis testing c) Both of the above d) None of the above
- (vi) A researcher divides the whole population in different parts and then fixes the no. of units from each of the parts that are to be included in the sample. The method of sampling used by him is
a) Stratified random sampling b) Cluster sampling
c) Quota sampling d) All of the above
- (vii) Who put forward the statement, “Research is an honest effort carried out through insight”?
a) Watson b) Binet c) Best d) Cook
- (viii) Survey research methods come under
a) Pre-empirical research methods b) Descriptive research methods
c) Experimental research methods d) All of the above
- (ix) In which of the following selection depends on chance?
a) Probability selection b) Purposive method c) Mixed sample d) None of the above
- (x) Dramaturgical interviewing is a technique of doing research by
a) case study b) Role playing c) Planning d) Sampling

Group – B
(Long Answer Type Questions)

Attempt any five from the followings:

5 x 12 = 60

- | | |
|--|----|
| 2. (i) Explain why a hypothesis is called a tentative assumption in a research problem. | 6 |
| (ii) Write a short note on Choice of sample design. | 6 |
| 3. (i) Distinguish between bibliography and footnote with example? | 6 |
| (ii) How do you overcome the data collection problem through questioner? | 6 |
| 4. (i) What is plagiarism and why it is a problem? | 7 |
| (ii) Write short note on research ethics. | 5 |
| 5. Briefly explain how to conduct a literature review during a research with a case study. | 12 |
| 6. (i) Write a short note on INTA. | 6 |
| (ii) Write a short note on WIPO. | 6 |
| 7. Explain new developments in Intellectual Property Rights. | 12 |
| 8. (i) What do you mean by transfer of trade mark? | 3 |
| (ii) Briefly discuss on the process of transfer of trade mark. | 9 |