

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

B.Tech. (Food Technology) (Sem.-7)

RESEARCH METHODOLOGY

Subject Code : BTFT-705

M.Code : 90968

Date of Examination : 06-07-22

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

SECTION-A

1. Write briefly :

- a) Criteria of a good research
- b) Review of literature
- c) Central tendency
- d) Organization of data
- e) Qualitative research
- f) Descriptive statistics
- g) t-test
- h) Hypothesis
- i) Informed consent
- j) Need of Research report.

SECTION-B

2. Discuss planning and designing of Research study.
3. Why there is need of Data Collection? Briefly discuss the data collection methods.
4. Discuss briefly the measures of Association.
5. Explain any two measures of Dispersion with their merits and demerits
6. Discuss Ethical considerations in research.

SECTION-C

7. A survey amongst women was conducted to study the family life. The observations are as follows :

Education	Family Life		
	Happy	Not Happy	Total
Educated	70	30	100
Not Educated	60	40	100
Total	130	70	200

Test whether there is any Association between family life and education?
(The table value of Chi square at 5% level of significance for one degree of freedom is 3.84)

8. Write a note on:
 - a) Measurement Strategies for data collection.
 - b) ANOVA and its purpose.
9. Discuss overall structure of Research report. What are the tips have to be considered for report writing?

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