

**HINDUSTHAN COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**DEPARTMENT OF COSTUME DESIGN AND FASHION**

**QUESTION BANK (2022-2023) ODD SEM**

<b>Course: M.Sc Costume Design &amp; Fashion</b>	<b>Semester: I</b>
<b>Subject Code: 22CDP01</b>	<b>Subject Title: Research Methodology</b>

**Unit – I**

**SECTION – A (5x4=20 marks)**

1. (a) State the sequence of a research process. [K1]  
(OR)  
(b) Classify the types of Research. [K1]
2. (a) Explain about Descriptive type of Research. [K2]  
(OR)  
(b) Brief notes on the qualities of a Research. [K2]
3. (a) Explain about motivation for research. [K2]  
(OR)  
(b) Research- brief on the significance of it. [K2]
4. (a) How do you review literature for research. [K3]  
(OR)  
(b) Give an example of a Diagnostic research. [K3]
5. (a) Trace the steps in Garment Designing research. [K3]  
(OR)  
(b) Choose a topic in Garment Designing and state a step involved as a research. [K3]

**SECTION – B (3x10=30 Marks)**

6. Discuss the definition of research by different scientists. [K3]
7. Explain the nature of Descriptive and Analytical Research. [K3]
8. Discuss about qualitative and quantitative research with examples. [K4]
9. Explain about the criteria of a good research. [K4]
10. Summarize about the sequence of a research process. [K5]
11. Evaluate long term research proposal. [K5]

**SECTION – C (1x10=10 Marks)**

12. Plan a research proposal for a fashion showcase. [K5]

**Unit – II**  
**SECTION – A (5x4=20 marks)**

1. (a) What is research process? (OR)	<b>[K1]</b>
(b) Define research design.	<b>[K1]</b>
2. (a) What are the forms of research design? (OR)	<b>[K2]</b>
(b) What is the need for research design?	<b>[K2]</b>
3. (a) State the principles of research design. (OR)	<b>[K2]</b>
(b) Outline the points that a researcher should bear in mind while framing a research design.	<b>[K2]</b>
4. (a) Write about the extraneous variable with an example. (OR)	<b>[K3]</b>
(b) Write about the type of Universe.	<b>[K3]</b>
5. (a) Discuss the characteristics of a good sample design? (OR)	<b>[K3]</b>
(b) Explain the features of a research design.	<b>[K3]</b>

**SECTION – B (3x10=30 Marks)**

6. Explain about the four parts of a research design.	<b>[K3]</b>
7. Write about exploratory research design.	<b>[K3]</b>
8. Elaborate the importance of framing a diagnostic research study.	<b>[K4]</b>
9. Explain about the principle of replication in research study.	<b>[K4]</b>
10. Recommend the important concepts of research design	<b>[K5]</b>
11. Summarize the concept of systematic sampling.	<b>[K4]</b>

**SECTION – C (1x10=10 Marks)**

12. Develop a research plan for an experimental design.	<b>[K5]</b>
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**Unit – III**  
**SECTION – A (5x4=20 marks)**

1. (a) State the methods of Data collection. (OR)	[K1]
(b) How will you represent the datas?	[K1]
2. (a) What is primary data? Give examples. (OR)	[K2]
(b) What is secondary data? Give examples	[K2]
3. (a) What is a questionnaire method? Brief. (OR)	[K2]
(b) What is interview method? Brief.	[K2]
4. (a) Elaborate on graphical representation of data. (OR)	[K3]
(b) Prepare a questionnaire for a research proposal of your choice.	[K3]
5. (a) Explain the sources of Data collection? (OR)	[K3]
(b) Elaborate on tabulation of data.	[K3]

**SECTION – B (3x10=30 Marks)**

6. Discuss with example about an data collection.	[K3]
7. Explain about tabulation of a data.	[K3]
8. Explain on the types of observation method.	[K4]
9. Explain about Primary Data and Secondary Data.	[K4]
10. Summarize the interview method used for research.	[K5]
11. Summarize the types of diagrams and their uses.	[K5]

**SECTION – C (1x10=10 Marks)**

12. Discuss the difference between a questionnaire & schedule.	[K5]
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**Unit – IV**  
**SECTION – A (5x4=20 marks)**

1. (a) Brief about data processing. (OR)	[K1]
(b) Enumerate on the meaning of report writing.	[K1]
2. (a) Discuss on data processing stages. (OR)	[K2]
(b) Distinguish between Classification and Tabulation.	[K2]
3. (a) Enumerate on coding in report writing. (OR)	[K2]
(b) Enumerate on editing in report writing.	[K2]
4. (a) Trace out the steps in report writing. (OR)	[K4]
(b) Explain about the techniques and precaution in interpretation.	[K4]
5. (a) Explain about the significance of report writing? (OR)	[K4]
(b) Explain the mechanics of report writing.	[K4]

**SECTION – B (3x10=30 Marks)**

6. Discuss a layout with example.	[K3]
7. Discuss with example the precaution in interpretation of research report.	[K3]
8. Prepare a layout for a research with an example.	[K4]
9. Select the topic and explain the steps involved in report writing.	[K4]
10. Discuss with example the precaution in interpretation of research report.	[K5]
11. Create a data classify and tabulate the same.	[K5]

**SECTION – C (1x10=10 Marks)**

12. Plan a topic of research and process the data involved in it.	[K5]
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**Unit – V**  
**SECTION – A (5x4=20 marks)**

1. (a) Define Type I Error with example. [K1]  
(OR)  
(b) Define type II Error with example. [K1]
2. (a) Explain about the Test of Significance. [K2]  
(OR)  
(b) Define measures of central Tendency. [K2]
3. (a) Define measures of Dispersion. [K2]  
(OR)  
(b) Define t test, f test. [K2]
4. (a) Explain small sample test and the steps involved to test the significance of a single mean. [K3]  
(OR)  
(b) Explain about Null hypothesis, Alternative Hypothesis and Level Significance [K3]
5. (a) Determine 10 plants are chosen from a population at random whose height in inches are given below:  

52	55	57	61	64	65	67	68	70	71
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(OR)  
(b) In the above data discuss that the mean height of plants in the population is 60 inches. [K3]

**SECTION – B (3x10=30 Marks)**

6. What does the measure of central tendency indicate? Describe the important measures of central tendency pointing out the situation when one measure is considered relatively appropriate in comparison to other measures. [K3]
7. Let the mean values of the groups A,B & C be 58,48&14 and their SD be15,12&2 respectively. Determine which group is more consistent. [K3]
8. Explain about the steps involved in the test for single proportion. [K4]
9. Determine in a random sample of 500 persons from Tamil Nadu 200 are found to be consumers of vegetable oil. In another sample 400 persons from Kerala 200 are found to be consumers of vegetable oil. Discuss whether the data reveal a significant difference between Tamil Nadu and Kerala so far as the proportion of vegetable oil consumers at 1% level. [K4]

10. Analyse the Test of Significance of Difference of two means. [K5]

11. Determine the student's t-statistics for the following sample values of a variable -6,-4,-1,-1, 0, 1, 1,3,4,5. Discuss the suggestion that the mean of universe to be zero. [K5]

**SECTION – C (1x10=10 Marks)**

12. Summarize the test involved in the ANOVA one -way classification. [K5]