



Name:

Enrolment No:

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, May 2022

Course: Research Methodology & Report Writing

Program: BA_Eco(H)

Course Code: DSRM2001

Semester: IV

Time: 03 Hours

Max. Marks: 100

Instructions:

SECTION A
10Qx2M=20Marks

S. N.		Marks	CO
Q1 (I)	A Blue print of Research work is called a) Research structure b) Research design c) Research tools d) Research methodology	2	CO1
(ii)	The concrete observable events which represent the abstract concepts or constructs are called a) Data b) Sample c) Variable d) Proposition	2	CO1
(iii)	The main objective of study's to acquire knowledge a) Exploratory b) Descriptive c) Diagnostic d) Descriptive and Diagnostic	2	CO1
(iv)	A Research Report is a formal statement of a) Research Process b) Research Problem c) Data collection d) Data Editing	2	CO1
(v)	A comprehensive full Report of the research process is called a) Thesis b) Summary Report c) Abstract d) Article	2	CO1
(vi)	An instrument used in method is called a) Sample b) Technique c) Tool d) Survey	2	CO1

(vii)	Observation of an event personally by the observer is		
	<ul style="list-style-type: none"> a) Indirect observation b) Direct observation c) Controlled observation d) Uncontrolled observation 	2	CO1
(viii)	An Interview in which interviewer encourage the respondent to talk freely about a given topic is		
	<ul style="list-style-type: none"> a) Focused Interview b) Structural Interview c) Un Structured Interview d) Clinical Interview 	2	CO1
(ix)	Sampling which provides for a known non zero chance of selection is		
	<ul style="list-style-type: none"> a) Probability sampling b) Non probability sampling c) Multiple Choice d) Analysis 	2	CO1
(x)	A technique of Building up a list or a sample of a special population by using an initial set of members as informants is called		
	<ul style="list-style-type: none"> a) Quota sampling b) Convenience Sampling c) Snow ball Sampling d) Purposive sampling 	2	CO1

SECTION B
4Qx5M= 20 Marks

Q2	With the help of example explain the different types of research	5	CO2
Q3	Discuss the different types of quantitative research	5	CO2
Q4	Under what circumstances would you recommend stratified sampling?	5	CO2
Q5	Discuss the importance of research to business	5	CO2

SECTION-C
3Qx10M=30 Marks

Q6	In business situations, it is not always possible or feasible to collect information related to every unit of the population under study. Researchers have to adopt a sampling technique best suitable to study a given population. Discuss various types of sampling methods with relevant examples?	10	CO3
Q7	1,500 women followed the Atkin's diet for a month. A random sample of 29 women gained an average of 6.7 pounds. Test the hypothesis that the average weight gain per woman for the	10	CO3

	month was over 5 pounds. The standard deviation for all women in the group was 7.1.		
Q8	Design a schedule to understand the experience of students as they transited from online to offline mode of education after pandemic.	10	CO3
SECTION-D 2Qx15M= 30 Marks			
Q9	Dr. Den attempted to cross a tiger and a cheetah. He predicted an outcome of the to be in the ratio 5 stripes only: 4 spots only: 12 both stripes and spots. After the cross was performed and the counting was done of off springs, it was found 60 with stripes only, 45 with spots only and 90 with both. According to the Chi-square test, did Dr. Den get the predicted outcome?	15	CO4
Q10	Mr Jain owns a restaurant in Delhi but his business has come down to 20% during pandemic. To find out the problems and issues faced by Mr. Jain design a questionnaire, which would help in giving appropriate suggestions to him.	15	CO4