

Name:
Enrolment No:



UNIVERSITY OF PETROLEUM & ENERGY STUDIES
End Semester Examination (Online) – Dec, 2020

Program: BA-Economics (EE)
Subject/Course: Applied Research Methodology
Course Code: DSRM 2002

Semester: III
Max. Marks: 100
Duration: 3 Hours

Section A

- 1. Each question will carry 5 marks**
2. Instruction: Complete the statement / Select the correct answer(s) with reason/Match/fill it

Q.No	Question Content	CO
Q1.	Which Data collection method goes with the different Research methodology?(pick it from the bracket) a) Experimental method------(using primary and secondary source/Questionnaire/standardize test /characteristic test) b) Descriptive survey method------(using primary and secondary source/Questionnaire/standardize test /characteristic) c) Historical method------(using primary and secondary source/Questionnaire/standardize test /characteristic test) d) Ex-post-facto method------(using primary and secondary source/Questionnaire/standardize test /characteristic test)	CO1
Q2.	Find the most suitable tool to study the prospects of a particular political party in rural area. a) Rating Scale b) Interview c) Questionnaire d) Schedule <p style="text-align: right;">(Give reason in 20 words)</p>	CO1
Q3.	Which of the following is susceptible to the issue of research ethics and why? a) Inaccurate application of statistical techniques b) Faulty Research Design c) Choice of sampling techniques d) Reporting of research findings <p style="text-align: right;">(Give reason in 20 words)</p>	CO1
Q4.	At which stage of research, the issue of ‘research ethics’ may be considered pertinent and why? a) At the stage of problem formulation and its definition b) At the stage of defining the population of research c) At the stage of data collection and interpretation d) At the stage of reporting and findings <p style="text-align: right;">(Give reason in 20 words)</p>	CO1
Q5.	“How is the media affecting Youths' online education perceptions” Make a research problem out of this social issue. <p style="text-align: right;">(Write in 20 words)</p>	CO2

Q6.	<p>The table given below are the two sets--- one for the type of Research Problem/issues/characteristics for study and the second is for specific Research Type. Find the appropriate matching codes.</p> <table border="1" data-bbox="233 338 1313 625"> <thead> <tr> <th data-bbox="233 338 773 369">Set 1</th> <th data-bbox="773 338 1313 369">Set 2</th> </tr> </thead> <tbody> <tr> <td data-bbox="233 369 773 432">(a) Developing an effective explanation through theory building</td> <td data-bbox="773 369 1313 432">(i) Action Research</td> </tr> <tr> <td data-bbox="233 432 773 495">(b) Exploring the possibility of a theory for use in various situation</td> <td data-bbox="773 432 1313 495">(ii) Fundamental Research</td> </tr> <tr> <td data-bbox="233 495 773 558">(c) Improving an existing situation through an intervention</td> <td data-bbox="773 495 1313 558">(iii) Evaluation Research</td> </tr> <tr> <td data-bbox="233 558 773 621">(d) Finding out the extent of perceived impact of an intervention</td> <td data-bbox="773 558 1313 621">(iv) Applied Research</td> </tr> </tbody> </table>	Set 1	Set 2	(a) Developing an effective explanation through theory building	(i) Action Research	(b) Exploring the possibility of a theory for use in various situation	(ii) Fundamental Research	(c) Improving an existing situation through an intervention	(iii) Evaluation Research	(d) Finding out the extent of perceived impact of an intervention	(iv) Applied Research	CO1																										
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<p>Section B</p> <p>1. Each question will carry 10 marks</p> <p>2. Instruction: Write short / brief notes in bullet points and keyword in bold</p>																																						
Q7.	<p>Design one Research Problem where there is need of using (secondary source) RBI data. (Explain the link of RBI data and Research Problem in max 30 words & write in bullet points)</p>	CO2																																				
Q8.	<p>“To study the Required changes which are necessary to create jobs in rural areas” Government has assigned this task to research firm. You are leading this research team. How would you initiate and proceed this study to find the solution? (Ans in max. 100 words)</p>	CO2																																				
Q9.	<p>“To Study the Consumption of oil in India affect its economy “ In order to do this study, being researcher what would be your methodology? (Ans in max.150 words)</p>	CO3																																				
Q10.	<p>There are three different location A, B & C. Where New brand of product has been launched . Consumer has done the number of purchase in a month and consumed. Find whether the number of purchase is significantly different in three different location. (Only four consumer has been taken from each location.)</p> <table border="1" data-bbox="233 1325 1330 1604"> <thead> <tr> <th colspan="2" data-bbox="233 1325 605 1356">Location A</th> <th colspan="2" data-bbox="605 1325 1000 1356">Location B</th> <th colspan="2" data-bbox="1000 1325 1330 1356">Location C</th> </tr> <tr> <th data-bbox="233 1356 318 1451">S. No.</th> <th data-bbox="318 1356 605 1451">No. of Product purchased &Consumed</th> <th data-bbox="605 1356 712 1451">S. No.</th> <th data-bbox="712 1356 1000 1451">No. of Product purchased &Consumed</th> <th data-bbox="1000 1356 1057 1451">S. N o.</th> <th data-bbox="1057 1356 1330 1451">No. of Product purchased &Consumed</th> </tr> </thead> <tbody> <tr> <td data-bbox="233 1451 318 1482">1</td> <td data-bbox="318 1451 605 1482">12</td> <td data-bbox="605 1451 712 1482">1</td> <td data-bbox="712 1451 1000 1482">8</td> <td data-bbox="1000 1451 1057 1482">1</td> <td data-bbox="1057 1451 1330 1482">7</td> </tr> <tr> <td data-bbox="233 1482 318 1514">2</td> <td data-bbox="318 1482 605 1514">10</td> <td data-bbox="605 1482 712 1514">2</td> <td data-bbox="712 1482 1000 1514">4</td> <td data-bbox="1000 1482 1057 1514">2</td> <td data-bbox="1057 1482 1330 1514">8</td> </tr> <tr> <td data-bbox="233 1514 318 1545">3</td> <td data-bbox="318 1514 605 1545">9</td> <td data-bbox="605 1514 712 1545">3</td> <td data-bbox="712 1514 1000 1545">7</td> <td data-bbox="1000 1514 1057 1545">3</td> <td data-bbox="1057 1514 1330 1545">8</td> </tr> <tr> <td data-bbox="233 1545 318 1577">4</td> <td data-bbox="318 1545 605 1577">8</td> <td data-bbox="605 1545 712 1577">4</td> <td data-bbox="712 1545 1000 1577">6</td> <td data-bbox="1000 1545 1057 1577">4</td> <td data-bbox="1057 1545 1330 1577">7</td> </tr> </tbody> </table>	Location A		Location B		Location C		S. No.	No. of Product purchased &Consumed	S. No.	No. of Product purchased &Consumed	S. N o.	No. of Product purchased &Consumed	1	12	1	8	1	7	2	10	2	4	2	8	3	9	3	7	3	8	4	8	4	6	4	7	CO3
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Q11.	<p>Case Study(Clean Energy Policy) Government is looking for some good research on “Clean Energy Policy” which finally ends up with some policy recommendation. You consider yourself that researcher and prepare a synopsis. Do the referencing and citation of all the secondary sources, which you have considered as supportive document. (Ans in max 200 words)</p>	CO4																																				

Section C (Case Study)

- 1. Each question will carry 20 marks
- 2. Instruction: Write in bullet points and keyword in bold

Q12.

Questionnaire

(A) General Particulars

- 1. Name -----
- 2. gender: _____ Male Female Other
- 3. Age in Years:
(a) < 20 (b) 20 to 30 (c) 31 to 40 (d) 41 to 50 (e) > 50
- 4. Educational Level:(a) High School (b) Under graduate (c) Post Graduate (d) Others Specify
- 5. Monthly Income of the family: _____
(a) Less than 10000 (b) 10000- 30000 (c) 30000- 50000(d) > 50000
- 6. Occupation: _____
- 7. Govt. Employee (b) Private Employee (c) Business(d) Others specify
- 8. Family size: _____
(a) No. of adult –male _____ female _____
(b) No. of children---Male _____ female _____
- 9. Number of earning members in the family _____

(B) Consumption Pattern

- 10. Do you eat bread?- Yes/No
- 11. How many brands known to you?
- 12. How do you know about brands of bread?
Retail shop display(b) TV advertisement (c) Relatives and neighbors (d) news Papers (e) Magazines (f) others specify-----
- 13. Please tick the type of bread you usually consume?
(a) Milk bread (b) Sweet bread (c) Wheat bread (d) White bread (e) brown bread (f) Sandwich bread
- 14. When do you consume bread?
(a) Morning (b) Evening (c) Night
- 15. How do you consume bread?
(a) Regular diet (b) When sick (c) For a change (d) As a snack
- 16. In which form you usually eat.
(a) Bread Toast (b) With butter, Jam, sauce/cheese (c) With Milk, Coffee, Tea (d) Sandwich (e) unroasted (f) Specify other-----
- 17. From where do you buy bread?
(a) Bakery (b) Grocery (c) Medical shop (d) Specify other-----
- 18. How frequent do you buy bread?
(a) Daily (b) Once in a weak (c) Twice in a weak (d) Specify other-----
- 19. Which pack size do you prefer to buy?
(a) 200g (b) 300g (c) 400g (d) 600g (d) Specify other-----
- 20. Who will decide the purchase time, place and brand?

CO4

(a) Children (b) Adult female (c) Head of the family (d) Elder Person
 21. Rate the factors influencing the purchase of bread?
 (Most important-5, Important-4, Neutral-3, Unimportant-2, Most unimportant-1)

Save time -----	Reduce the work load -----
Preferred by elder person in the family -----	Good taste -----
Reasonable price -----	Easy availability -----
Advertisement -----	Package attractiveness -----
Preferred flavor -----	Peer group Influence -----

Questions:

- a) Give a suitable “**Title**” to this Research Study.
- b) Identify the **Research Objective(s)**, which leads to design the above mentioned Questionnaire for data collection.
- c) Identify the **Research Type** looking at data collection tool (Questionnaire).
- d) Identify the required **Analytical tool(s)** to find the solution for Research Objective
- e) What could be the possible **Finding** using the data through this questionnaire.(use the imaginary/self-created data).