ECONOMICS

PROJECT: STATISTICAL ANALYSIS USING A SAMPLE

Choose a product/service which you use in daily life. Prepare a questionnaire to conduct a market research in your locality. The following steps should be followed while making a comprehensive report of the survey:

STEP 1: Collection of data

Data to be collected from 15-20 respondents and exact method of selection of sample to be mentioned with its merits and demerits.

STEP 2: Organization of data

Use arrays, frequency distribution charts to organise data so collected. At least 5 questions are to be included while organizing data.

STEP 3: Presentation of data

At least 5 tools are to be used while presenting the organised data. Make sure atleast 2 questions are presented in tabular form.

STEP 4: Analysis of data

Use measures of central tendency as well as measures of dispersion to analyze all 10 questions of the study.

STEP 5: Interpretation of data

The results of the study are to be concluded in a brief paragraph while summarizing the observations and suggestions to the brand/product/service for improvement.

Guidelines:

1. Format
- TOPIC OF STUDY
- TABLE OF CONTENTS
- ACKNOWLEDGEMENT
- PROJECT
- APPENDIX (FILLED QUESTIONNAIRES)

2. Plagiarism is not allowed. Marks will not be awarded if caught.

Values inculcated:

1. **Problem Solving** - Analyse and process information
2. **Aptitude & Creative Thinking** - Information gathering skills, what to include in questionnaire, who would be the respondents
3. **Interpersonal Skills** - Meeting Respondents
4. **Analytical Skills and Decision making-** Drawing conclusions
5. **Presentation Skills**

ENGLISH

ASSIGNMENTS

Assignment 1:

Read the newspaper every day. Cut out 5 classified ads for each of the following:

(1) For sale (property, vehicle, household goods)

(2) To LET

(3) Lost and Found

(4) Situation Vacant (single vacancy)

(5) Matrimonial

Now make these headings in your English notebook and paste the cut outs for each heading in your notebook.

Assignment 2:

Grab your copy of 'The Canterville Ghost' during these vacations. The book packs in itself a great dose of horror, humour and values. Once you are done with reading, reflect upon your reading. Then don the hat of a literary critic and write your review for 'The Canterville Ghost'. Here is a format to help you organise your thoughts:

Title:

Writer's Name:

Date of Publication:

Main Characters:

Synopsis:

Themes:

Critical Appreciation:

How many stars on 5 would you give to the book?   ☆☆☆☆☆

Why?

Assignment 3:

THE PORTRAIT OF A LADY

Short answer type questions: (3 mark each)

1. Why did the grandmother stop talking before her death?

2. "That was the turning point in our friendship." What was the turning point?

3. Describe the three phases of author's relationship with his grandmother.

4. How did the sparrows mourn the death of the grand mother?
5. The grandmother had a divine beauty. How does the author bring this out?
6. How did the relationship between the grandmother and the author change   after they shifted to the city?

Long answer type questions: (6 marks)

1. The grandmother's end was as peaceful and saintly as her life. Elaborate.
2. "When pious people depart even nature mourns their death." Justify with reference to "The Portrait of the lady".

Assignment 4:

A PHOTOGRAPH

1. Read the following extract and answer the questions that follow. (1 mark each)

> Now she's been dead nearly as many years
> As that girl lived. And of
> this circumstance There is nothing to say at all.
> Its silence silences.

a) Who is referred to here?   (1)
b) What does "This Circumstance" stand for?   (1)
c) What does "Its silence silences" mean?   (1)

2. Read the following extract and answer the questions that follow. (1 mark each)

All three stood still to smile
through their hair.
At the uncle with the camara. A sweet face,
My mother's, that was before I was born,
And the sea, which appears to have
Changed less,
Washed their terrible transient feet.

a) What do all the three stand for?
b) What does the sea appear to do them?
c) What has not changed?
d)

3. Read the following extract and answer the questions that follow. (1 mark each)

> The sea holiday was her past ,
> Mine is her laughter.

Both wry with the laboured ease of loss.

(i) Who is 'her'?
(ii) What are her past and mine?
(iii)Explain "Both wry with the laboured loss of ease".

Assignment 5:

WE'RE NOT AFRAID TO DIE...IF WE CAN ALL BE TOGETHER

Short questions (3 marks each)

1. "I had no time to worry about bumped heads", said Gordon Cook. What problems do you think deserved his immediate attention?
2. How did Larry and Herb help during the crucial hours?
3. How did little Jonathan react to the desperate situation they found themselves in on January 05?
4. What was the Isle Amsterdam? Why does the author call it the most beautiful island in the world?

Long questions: (6 marks each)

1. As an intelligent and receptive reader what qualities of character did you imbibe from the story 'We Are Not Afraid to Die...' (value based question)
2. What impression do you form of the narrator on the basis of reading 'We're Not Afraid to Die...'?

BUSINESS STUDIES

General Instructions:
i) The holiday homework of Business studies contains Case Studies, short answer, long answer, value based questions & HOTS questions.
ii) The students are required to attempt them in a separate register.

Case study 1

(Economic and non economic activities)

Ms. Reeta is a lecturer in a college of Delhi University. She gets Rs. 54000 per month as remuneration for her livelihood.

Mr. kamal is a farmer producing 20 quintals of wheat for his own consumption and 2000 quintals for sale.

Ms. Meena, a journalist in a media agency of repute, also teaches some slum children after her office hours. She doesn't charge anything from them. She does i t out of love, sympathy, and patriotism. This also gives her psychological and mental satisfaction.

  a. Teaching in a college by Ms. Reeta refers to which type of human activity?
  b. Production of wheat by Mr. Kamal for sale refers to which type of human activity?
  c. Production of wheat by Mr. Kamal for his own consumption refers to which type of human activity and why?

d. Teaching the slum children by Ms. Veena refers to which type of human activity and why?

Case Study 2

(Methods of dealing with Business Risk)

Ms. Stuti wants to start a retail business of fashionable items. But she is hesitating as she is aware of risks which are inherent in every business. She approaches her friend Ms. Pankhu who is the owner of a retail shop. Ms. Pankhu advises her to opt for business and suggests certain methods to minimise risks.

a. Broadly business risk may be of two types. In the instant case , under which type does the business risk of Ms. Stuti come? Also name the other type.
b. Name the characteristics or nature of business risk which is indicated in the business of Ms. Stuti.
c. Business risks arise due to variety of causes over the business of Ms. Stuti and how?
d. Give two suggestions which might be given by Ms. Pankhu to deal with risk situations.

Case Study 3

(Business is done on regular basis)

Sachin's father gifted him a cricket bat on his birthday. The cost of the bat was Rs. 800. Few months later, Sachin sold it to Manish, one of his school friends, for Rs, 850. He was boosted by this transaction and after completing his studies, he started trading in bats and other sports materials under the name M/s Sachin Traders. He started earning huge money out of same.

a. Can the transaction between Sachin and Manish be termed as business transaction? Justify your answer.
b. Can the transactions between M/s Sachin Traders and other persons be termed as business transactions? Justify your answer.

Assignment

1. Differentiate between Economic and non-economic activities.
2. Define Business, Profession and Employment.
3. Define Finance? Why it is known as life blood of business?
4. What is Social Responsibility?
5. Explain the classification of Industries.
6. What is the role of profit in business?
7. Enumerate the various objectives if business.
8. Describe the activities related to commerce.
9. What is business risk? What is its nature?
10. Explain the features of business.

Value Based Questions

1. A company has set the following objectives:

a. To earn reasonable profit.
b. To provide innovative products to customers based on research and development.
c. To adopt fair trade practices.
d. To develop employees to their full potential.
Identify the values which the company has pursued in setting the above objectives.

Promoters of the company hold 55% equity shares of the company. Out of seven Directors of the company, four Directors are from families of promoters. In decision making on important issues, the directors from promoter's family prevail over the outside Directors. As a result, many decisions tend to be sub optimal. Such decisions are passed by the shareholders easily.

Identify the values ignored by management of the company and their effects.

Values inculcated:
1. **Ethics** - Business ethics (Value Based Question)
2. **Critical Thinking, Creative Thinking and Problem Solving**
3. **Practical application of concepts**

MATHEMATICS

ASSIGNMENT

UNIT -1, SETS

KEY POINTS

➢ A set is a well-defined collection of objects.
➢ There are two methods of representing a set :-
   a) Roster or Tabular form.
   b) Set-builder form or Rule method.
➢ Types of sets : -
   a) Empty set or Null set or void set
   c) Finite set
   d) Infinite set
   e) Singleton set
➢ Subset : - A set A is said to be a subset of set B if a $\in$ A $\Rightarrow$ a $\in$ B, $\forall$ $a \in A$
➢ Equal sets : - Two sets A and B are equal if they have exactly the same elements i.e A = B if A $\subset$ A

➢ Power set : - The collection of all subsets of a set A is called power set of A, denoted by P (A) i.e P(A) = {B : B ⊂ A}

➢ If A is a set with n(A) = m then n [P(A)] = 2^m .

Types of Intervals :   Open Interval (a,b) = {x∈R : a < x < b}

Closed Interval [a, b] = {x ∈ R : a ≤ x ≤ b }

Which of the following are sets? Justify your answer.

1. The collection of all the months of a year beginning with letter M.
2. The collection of difficult topics in Mathematics.

Let A = (1,3,5,7,9). Insert the appropriate symbol ∈ or ∉ in blank spaces : - (Question – 3-4)

3.   2 — A
4. 5 — A
5. Write the set A = (x : x is an integer, - 1 ≤ x < 4) in roster form
6. List all the elements of the set.

A = $\left\{ x : x \in Z, -\frac{1}{2} < x < \frac{11}{2} \right\}$

7. Write the set B = (3,9,27,81) in set-builder form.

Which of the following are empty sets? Justify. (Question – 8-9)

8. A = (x : x ∈ N and 3 < x < 4)
9. B = $\{ x : x \in N \ and \ x^2 = x \}$

Values inculcated:

1. **Problem Solving** - Analyse and process information
2. **Aptitude** - Information gathering skills
3. **Practical application of concepts**

PSYCHOLOGY

Q1.) Develop a case profile of an individual exhibiting any of the following;

- Excelling in areas such as sports, academics, music etc.
- Individual with special needs such as Down Syndrome, Asperger's syndrome, autism spectrum disorder, mental retardation or learning disability
- An individual facing stress, interpersonal problem or any other problem such as obesity, substance abuse etc.

Q2.) Select five vocations and gather information about the nature of work done by people in these five vocation and the varying aptitude required for reach. Also analyse these vocations in terms of the types of psychological attributes required for successful performance.

Q3.) Make a list of movies, TV shows, or plays you have seen where a particular psychological disorder has been highlighted. Match the symptoms to the ones you have read. Prepare a report.

Q4.) With the understanding and knowledge of environmental psychology, how will you make people adopt environment supportive practices in their daily life?

Q5.) Differentiate between school psychology and educational psychology.

Values inculcated:
1. **Interpersonal Skills**
2. **Practical application of the Subject**
3. **Creative Thinking**
4. **Empathy** - Understanding others, Stress, Emotions
5. **Understanding Psychological attributes**

ACCOUNTANCY

General Instructions:

i) The holiday homework of Accountancy contains chapter wise short answer, long answer & HOTS questions.

ii) The students are required to attempt them in a separate register.

Chapter: Introduction to Accounting

Q1) What do you understand by Double Entry System?

Q2) Why is a resignation by a Finance Manager not recorded in the books of accounts?

Q3) List the steps involved in the accounting process.

Q4) Give any two objectives of Accounting.

Q5) Explain any one limitation of Accounting with an example.

Q6) State the nature of information required by the Investors.

Q7) State the end product of Financial Accounting.

Q8) Which of the following is not a business transaction?

a) Purchase of goods for resale amounting `50,000.
b) Paid salaries & wages amounting `10,000.
c) Paid rent for office premises `5,000.
d) Purchased a LCD for personal use.

Q9) Which of the following transactions will not be recorded in the books of accounts?

a) Paid salaries & wages.
b) Purchased a machinery for the production of pens.
c) Purchased a machinery for resale.

Q10) What are the functions of Accounting?

Q11) A company suffered huge losses due to the strike by the employees of the factory. Will this be recorded in the books of accounts?

Q12) Which qualitative characteristic of accounting information requires the use of common unit & common format of reporting?

Chapter: Basic Accounting Terms

Q1) Godrej Ltd. imported from Germany one machinery for sale in India & another machinery for production purpose. Will you treat them goods or fixed assets?

Q2) Mr. Rahul dealing in electronic goods sold 20 TV sets costing `30,000 each at `40,000 each. Out of this, `5, 00,000 were received in cash & the balance is not yet received. State the amount of revenue.

Q3) Giving examples, explain each of the following terms:

a) Capital Expenditure
b) Current Liability
c) Purchases
d) Sales
e) Debtor
f) Creditor
g) Drawings
h) Discount received
i) Stock

Q4) Give any three differences between each of the following:

a) Long Term Liability and Short Term Liability
b) Fixed Asset and Current Asset
c) Revenue and Income
d) Loss and Expense

Chapter: Accounting Equation

Q1) If creditors worth 1000 are paid 980 in full settlement, what will be the accounting effect of 20?

Q2) "The Accounting transaction should be free from the bias of accountants & others. "Identify the related Accounting Principle.

Q3) P started business on 1st April, 2012 with a capital of 1, 50,000. He took a loan of

1, 25,000 from his friend, R. During the year 2012-13, he had introduced additional capital of 25,000 & had withdrawn 15,000 for personal use. On 31st March,2013,his assets were

6,50,000.Find out his capital as on 31st March,2013 & profit made or loss incurred during the year 2012-13.

ii) Give any three points of difference between Book Keeping & Accounting.

Q 4) Show the accounting equation on the basis of the following transactions:

a) Shri Ganesh commenced business with cash 35,000, goods 8,000 and furniture 7,000.
b) Bought furniture from M/s Mohan Furniture on credit for 3,000.
c) Purchased goods from Sohan for cash 35,000.
d) Sold goods to Shyam for cash 40,000(costing 30,000).
e) Bought goods worth 30,000 from Ramesh.
f) Sold goods to Shyam costing 30,000 for 50,000.
g) Received 49,500 from Shyam in full settlement.
h) Paid 29,700 to Ramesh in full settlement.
i) Paid half the amount owed to M/s Mohan.
j) Withdrew 1,000 for personal use.
k) Withdrew goods for personal use (cost 500, sale price 600).
l) Purchased household goods for 15,000 giving 5,000 in cash and the balance through a loan.
m) Paid cash 500 for loan and 300 for interest.
n) Goods destroyed by fire (cost 500, sale price 600)
o) Paid salary 500 and salary outstanding 100.
p) Paid rent in advance 2,000.
q) Accrued interest 500.
r) Commission received in advance 1,000.
s) Charged depreciation of 400 on furniture.

Q5) Show the accounting equation on the basis of the following transactions:

  i) Commenced business with Cash `20,000; Goods `50,000 & Furniture `30,000.
 ii) Purchased from Gopal on credit `40,000
iii) Sold goods for Cash `40,000 (costing `30,000).
iv) Withdrew for personal use goods costing `5,000.

Values inculcated:
1. **Effective Communication** - Reading and Writing
2. **Aptitude** - Learning a concept and practical applications of the same
3. **Thinking Skills** - Reflection at personal knowledge level
4. **Problem Solving**