

## **Assignment 11<sup>th</sup> Commerce 5.01.2026**

Instructions:

- Do the assigned task on sheets.
- It should be done date-wise in neat & clean handwriting.

### **ECONOMICS**

Dear students

Read all the key details of chapter carefully and at the end there is quiz related to topic. It is mandatory to solve all quiz questions.

### **CHAPTER: COST**

**COST:** Expenditure incurred on production of goods/services

#### **1. Money Cost**

Expenses in monetary terms

Ex: Wages, rent, interest, raw material, etc.

#### **2. Real Cost**

Sacrifice made by factors of production

Ex: Pain, effort, waiting, risk

#### **3. Opportunity Cost**

Value of next best alternative foregone

Basis of economic decision-making

#### **4. Explicit Cost**

Actual cash payments

Ex: Wages, rent paid, interest on loan

#### **5. Implicit Cost**

Imputed value of self-owned resources

Ex: Rent of own building, interest on own capital

### **COST IN SHORT RUN**

#### **6. Fixed Cost (TFC)**

Does not change with output

Ex: Rent, salary, insurance

Also called Supplementary Cost

## 7. Variable Cost (TVC) Changes with output

Ex: Raw material, wages

Also called Prime Cost

## 8. Total Cost (TC)

$$TC = TFC + TVC$$

## AVERAGE COSTS

### 9. Average Fixed Cost (AFC) $AFC = TFC \div Output$

Continuously falling curve

### 10. Average Variable Cost (AVC)

$$AVC = TVC \div Output$$

U-shaped curve

### 11. Average Cost (AC)

- $AC = TC \div Output$
- $AC = AFC + AVC$

U-shaped curve

## MARGINAL COST

### 12. Marginal Cost (MC)

$$MC = \text{Change in TC} \div \text{Change in Output}$$

- U-shaped curve
- MC cuts AC & AVC at their minimum point

## RELATIONSHIPS

- $MC < AC \rightarrow AC \text{ falls}$
- $MC > AC \rightarrow AC \text{ rises}$
- $MC = AC \rightarrow AC \text{ minimum}$
- Normal Profit  $\rightarrow AR = AC$

Students you have to use the following link to start the quiz. After completion of quiz you will get the certificate of participation and grade marks. You have to save it for further assessment in future.

<https://forms.gle/euBptLczMMjrcwLW7>

## Accountancy

Dear students

Read all the key details of chapter carefully and at the end there is quiz related to topic. It is mandatory to solve all quiz questions.

### **What is Accounting?**

Systematic process of identifying, recording, classifying, summarising and communicating financial information.

**Book keeping:** Book keeping is an art of systematic recording business transactions in the books of accounts

### **1. Objectives of Accounting** ○

Maintain complete record

- Ascertain profit or loss
- Determine financial position ○ Provide information to users
- Aid decision making

### **2. Functions of Accounting**

- Recording
- Classifying
- Summarising
- Analysing & Interpreting
- Communicating

### **3. Branches of Accounting**

- Financial Accounting → External users → Final accounts
- Cost Accounting → Cost ascertainment & control
- Management Accounting → Internal users → Planning & decisions

### **4. Users of Accounting Information**

#### **Internal Users**

- Management
- Employees

#### **External Users**

- Owners
- Investors
- Creditors
- Government
- Tax authorities

### **5. Qualitative Characteristics**

- Relevance
- Reliability

- Comparability
- Understandability
- Timeliness

## 6. Limitations of Accounting ○

Ignores qualitative factors

- Based on historical cost
- Personal judgement involved
- Does not record non-monetary items

## 7. Role / Importance of Accounting

- Helps management
- Facilitates decision making
- Ensures accountability
- Evaluates performance

## ○ 8. Accounting as an Information System

- Input: Transactions
- Process: Recording → Classifying → Summarising
- Output: Financial Statements

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<https://forms.gle/4q2r5sEFgBgr7gg38>

### Business Studies

Q.1 Ramesh is a wholesaler dealing in grocery items. He purchases goods like rice, wheat, sugar and pulses in large quantities directly from manufacturers. He stores them in his warehouse and sells them in smaller quantities to retailers. He also provides credit facilities to retailers and helps them by supplying goods regularly.

Questions:

1. Identify the type of trade involved.
2. Name the intermediary highlighted in the case.
3. Mention any two functions of a wholesaler shown in the case.

Q.2 Meena owns a small grocery shop in her locality. She purchases goods from wholesalers and sells them directly to consumers in small quantities according to their needs. She offers home delivery and maintains personal relations with her customers.

Questions:

1. Identify the type of trade.
2. Name the type of retailer.
3. Mention two services provided by retailers to consumers. [https://www.learninsta.com/mcq-questions-for-class-11-business-studies-chapter10/?utm\\_source=chatgpt.com](https://www.learninsta.com/mcq-questions-for-class-11-business-studies-chapter10/?utm_source=chatgpt.com)

## MATHS

### Key Concepts / Hints:

- The general form of a straight line is  $ax + by + c = 0$ .
- Slope (m) of a line gives its inclination:  
 $m = (y_2 - y_1)/(x_2 - x_1)$ .
- Slope-intercept form:  $y = mx + c$ , where  $m$  = slope and  $c$  = y-intercept.
- If two lines have equal slopes, they are parallel.
- If product of slopes is  $-1$ , the lines are perpendicular.

### Self-Practice Questions (Any 5):

1. Find the slope of the line joining the points  $(2, 3)$  and  $(6, 11)$ .
2. Write the equation of a line with slope  $3$  and y-intercept  $-5$ .
3. Find the slope of the line given by:  $4x - 2y + 7 = 0$ .
4. Determine whether the lines  $2x + 3y - 5 = 0$  and  $4x + 6y + 9 = 0$  are parallel or not.
5. Find the equation of a line passing through  $(1, -2)$  with slope  $-4$ .

Math Quiz <https://www.proprofs.com/quiz-school/ugc/story.php?title=ndulnzi5mgxxk6>

## ENGLISH

<https://www.indianarmyquiz.in/>