

UGC NET Commerce Memory Based Question Paper Jan 03, 2026 Shift 1

Q1. When all the factors of production are changed in the same proportion, it is called as:

- A. Long run production function
- B. Law of equal proportion
- C. Law of return to scale
- D. Law of return to a factor
- E. Law of Variable proportion

Choose the correct answer from the options given below:

- A. A, and C Only
- B. B, C, D Only
- C. C, D, E Only
- D. A, C, E Only

Answer:

A

Sol:

Long Run Production

In the long run, all factors of production are variable. This is called as the long run production function.

Law of Equal Proportion

There is no restriction on the proportion of factors of production. This is called as the Law of Equal Proportion.

This term is not used in the long run, so it cannot be the correct answer.

Law of Return to Scale

The Law of Return to Scale states that when all factors of production are changed in the same proportion (whether increased or decreased), the output will change in the same proportion (whether increased or decreased).

If inputs double, output will also double (constant returns to scale), or less than double (decreasing returns to scale), or more than double (increasing returns to scale).

Law of Return to Factor

This law applies only in the short run, where one factor of production is fixed while others are variable.

It is a short-run concept, where the question refers to the long run (where all factors are variable).

Law of Variable Proportion (Option E) is incorrect.

This law applies in the short run, where one factor of production is variable while others are fixed.

The question asks for the long run concept, so the correct answer is A.

Q2. The parametric test is:

- A. t test
- B. z test
- C. Chi-Square test
- D. Mann-Whitney test

Answer:

A

Sol:

The correct answer is t test. Specifically, it's the paired t-test (also known as the dependent samples t-test or repeated measures t-test).

Paired Samples: When you have paired samples, it means that the observations in your two groups are related. This often occurs when:

The same subjects are measured twice (e.g., before and after a treatment or intervention).

Subjects are matched based on specific characteristics (e.g., twins, or patients matched by age and severity of disease).

Parametric Test: A parametric test makes assumptions about the distribution of the population from which the samples are drawn. For the paired t-test, the key assumptions are that the differences between the paired observations are approximately normally distributed and that the data are continuous.

Paired t-test: The paired t-test is specifically designed for these situations. Instead of treating the two groups as independent, it calculates the difference between each pair of observations and then performs a one-sample t-test on these differences to see if their mean is significantly different from zero.

Additional Knowledge :-

z test: A z-test is a parametric test typically used when the sample size is large (generally > 30) and the population standard deviation is known. While it can compare means, it's not the primary choice for paired samples, especially if the sample size is small or the population standard deviation is unknown.

Chi-Square test: The Chi-Square test is used to determine if there is a significant association between two categorical variables. It's commonly used for independent samples.

Mann-Whitney U test: This non-parametric test is used to compare two independent groups. It's not appropriate for paired samples. The test statistic for paired samples is the Wilcoxon signed-rank test.

- Q3.** What does capital rationing refer to?
- A. The process of selecting projects with the highest NPV.
 - B. A situation where the number of profitable investment opportunities exceeds the available funds.
 - C. The process of selecting projects with low risk.
 - D. A method of allocating funds equally to all investment projects.

Answer:

B

Sol:

Capital rationing occurs when a company faces a situation where the number of investment opportunities exceeds the available funds. Thus, the firm needs to prioritize projects in a way that maximizes long-term value.

Information Bias: This occurs when the data used for decision-making is not accurate or complete.

Capital Rationing: This is the process of allocating limited funds to the most profitable projects.

Firms must select projects that provide the best return relative to the capital outlay, ensuring optimal investment in the company's growth.

Ranking Projects: This involves ranking projects based on their NPV or IRR to determine the best possible combination that aligns with its financial constraints.

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Additional Knowledge:

Fund Allocation: Capital rationing helps ensure that limited resources (funds) are allocated in the most effective manner to achieve the maximum possible return for the firm.

Decision-Making: This method emphasizes choosing projects that provide the best return relative to the capital outlay, ensuring optimal investment in the company's growth.

Top of Form

Bottom of Form

Q4. Arrange the following in chronological order of their establishment (Old to New)

- A. NAFTA
- B. European Union
- C. SAARC
- D. ASEAN

Choose the correct answer from the options given below:

- A. A, B, C, D
- B. B, A, D, C
- C. D, C, B, A
- D. C, D, A, B

Answer:

C

Sol:

The correct chronological order is:

ASEAN (D):

Established in 1967. It is a regional intergovernmental organization and economic bloc among the member states of Southeast Asia.

SAARC (C):

Founded in 1985. It is a regional intergovernmental organization and economic bloc among the member states of South Asia.

European Union

While the predecessor of the European Union, the European Coal and Steel Community, was formally established in 1952, the European Union itself was established in 1993.

NAFTA (A):

NAFTA (North American Free Trade Agreement) was established in 1994. It is a regional intergovernmental organization and economic bloc among the member states of North America.

Q5. Based on the following statements, which of the following statements is incorrect?

- (A) If $r=0.85$, it indicates a high degree of positive correlation.
- (B) If $r=-0.40$, it indicates a low degree of negative correlation.
- (C) If $r=0.10$, it indicates a low degree of positive correlation.
- (D) If $r=-0.95$, it indicates a high degree of negative correlation.

Choose the correct answer from the options given below:

- A. (A) and (B)
- B. (B) and (C)
- C. (D) only
- D. (C) and (D)

Answer:

C

Sol:

The correlation coefficient r measures the strength and direction of the linear relationship between two variables, ranging from -1 to +1.

Let's evaluate each statement:

- (a) If $r=0.85$, it indicates a high degree of positive correlation. This statement is correct. A value of 0.85 is close to +1, signifying a strong positive linear relationship.
- (b) If $r=-0.40$, it indicates a low degree of negative correlation. This statement is correct. A value of -0.40 indicates a negative relationship, and its absolute magnitude (0.40) suggests a relatively weak or low degree of correlation.

(c) If $r=0.10$, it indicates a low degree of positive correlation. This statement is correct. A value of 0.10 is close to 0, indicating a very weak positive linear relationship.

(d) If $r=-0.95$, it indicates a moderate degree of negative correlation. This statement is incorrect. A value of -0.95 is very close to -1, indicating a high or very strong degree of negative correlation, not a moderate one.

Therefore, the only incorrect statement is (d).

Q6. Calculate the Break-Even Point (BEP) in rupees from the following data:

P/V Ratio = 30%

Fixed Cost = ₹90,000

Actual Sales = ₹4,00,000

Margin of Safety = ₹1,00,000

A. ₹2,00,000

B. ₹3,00,000

C. ₹2,50,000

D. ₹3,50,000

Answer:

B

Sol:

Break-Even Point is the level of sales at which total revenue equals total costs. It can be calculated as follows:

Formula:

$$\text{BEP (in ₹)} = \frac{\text{Fixed Costs}}{\text{P/V Ratio}}$$

Where:

P/V Ratio (Profit Volume Ratio) = $\frac{\text{Contribution Margin}}{\text{Sales}}$

Contribution Margin = Sales - Variable Costs

Given data:

Fixed Cost = ₹90,000

P/V Ratio = 30% or 0.30

Calculate BEP

$$\text{BEP} = \frac{₹90,000}{0.30} = ₹3,00,000$$

Alternatively, the **Margin of Safety (MOS)** is the difference between actual sales and break-even sales:

$$\text{MOS} = \text{Actual Sales} - \text{BEP}$$

Given Margin of Safety = ₹1,00,000 and Actual Sales = ₹4,00,000,

$$₹1,00,000 = ₹4,00,000 - \text{BEP} \Rightarrow \text{BEP} = ₹4,00,000 - ₹1,00,000 = ₹3,00,000$$

Both methods confirm that the BEP is ₹3,00,000.

Information Booster: The BEP analysis is crucial for business decision-making. It helps determine the minimum sales required to avoid losses, guides pricing, cost control, and profit planning. The P/V ratio measures how much contribution is generated per rupee of sales, showing profitability sensitivity to sales changes. Margin of Safety

indicates the cushion available before incurring losses, highlighting business risk. For example, a firm with a higher margin of safety is in a safer position compared to one with a low margin.

Q7. Match List I with List II

List I – International Trade Theories	List II – Theory Propounders
A. Factor Endowment theory	I. Adam Smith
B. Product life cycle theory	II. Michael Porter
C. Absolute cost advantages theory	III. Heckscher and Ohlin
D. Competitive advantage theory	IV. Raymond Vernon

Codes:

Match the column

- A. A-I, B-II, C-III, D-IV
- B. A-III, B-II, C-I, D-IV
- C. A-II, B-I, C-IV, D-III
- D. A-IV, B-I, C-II, D-III

Answer:

B

Sol:

A. Factor Endowment theory: This theory was propounded by Adam Smith. It focuses on the relative abundance of factors of production (land, labor, and capital) and how they influence a country's comparative advantage. The Heckscher-Ohlin theorem, developed by Eli Heckscher and Bertil Ohlin, is a more formalized version of this theory.

B. Product life cycle theory: This theory was propounded by Raymond Vernon. It suggests that a country's comparative advantage changes as its products move through different stages of the product life cycle (introduction, growth, maturity, and decline).

C. Absolute cost advantages theory: This theory was propounded by Adam Smith. It states that a country should specialize in producing goods in which it has an absolute advantage (lower cost of production).

D. Competitive advantage theory: This theory was propounded by Michael Porter. It focuses on the role of government and industry in creating a competitive advantage for a country's exports.

Q8. Arrange the following theories of international trade in chronological order.

- A. Mercantilism
- B. Comparative Advantage
- C. Product Life Cycle
- D. Heckscher-Ohlin

Choose the correct answer from the options given below:

- A. A, B, C, D
- B. A, B, D, C
- C. C, B, A, D
- D. B, A, C, D

Answer:

B

Sol:

1. A. Mercantilism Theory: This theory dominated economic thought from the 16th to 18th centuries. It focused on accumulating wealth (gold and silver) through trade surpluses, prioritizing exports and restricting imports.

2. B. Comparative Advantage Theory: Developed by David Ricardo in 1817, this theory argues that countries should specialize in producing goods they can produce at a lower opportunity cost, leading to mutual benefits through trade.

3. D. Heckscher-Ohlin Theory: Introduced by Eli Heckscher (1919) and Bertil Ohlin (1933), this theory explains trade patterns based on differences in countries' factor endowments (relative abundance of resources like labor and capital).

4. C. Product Life Cycle Theory: This theory, developed by Raymond Vernon in 1966, explains how a product's trade pattern evolves as it moves through its life cycle from introduction to decline, with production potentially shifting from innovating countries to developing countries for cost advantages.

Therefore, the correct chronological order is A, B, D, C.

Q9. If an estimated Cobb-Douglas production function is $Q=10K^{0.6}L^{0.8}$, what type of returns to scale does this production function indicate?

- A. Increasing returns to scale
- B. Decreasing returns to scale
- C. Constant returns to scale
- D. Negative returns to scale

Answer:

A

Sol:

In a Cobb-Douglas production function, $Q = AK^\alpha L^\beta$, where α and β are the exponents of capital and labor, respectively. The sum of the exponents ($\alpha + \beta$) determines the type of returns to scale:

- Increasing returns to scale: Occurs when $\alpha + \beta > 1$. This means that a proportional increase in all inputs leads to a more than proportional increase in output.
- Decreasing returns to scale: Occurs when $\alpha + \beta < 1$. This means that a proportional increase in all inputs leads to a less than proportional increase in output.
- Constant returns to scale: Occurs when $\alpha + \beta = 1$. This means that a proportional increase in all inputs leads to an equal proportional increase in output.
- Negative returns to scale: Occurs when $\alpha + \beta < 0$. This means that a proportional increase in all inputs leads to a decrease in output.

Additional Information:

The Cobb-Douglas function is commonly used in economics to model production and estimate returns to scale. Increasing returns are common in industries where firms benefit from economies of scale. Returns to scale are a key concept in understanding how scaling up production affects costs and output.

Q10. Which two of the following are correct about TDS certificates?

- (A) TDS on salary payment - Form 16
- (B) TDS on non-salary payment - Form 16A
- (C) TDS on rent - Form 16B
- (D) TDS on sale of property - Form 16C

Choose the correct option:

- A. (A) and (B)

- B. (A) and (C)
- C. (A) and (D)
- D. (B) and (C)

Answer:

A

Sol:

Form 16 – TDS on salary

Form 16A – TDS on non-salary payments

Form 16B – TDS on property sale

Form 16C – TDS on rent

Thus, A and B are correct.

Q11. Which of the following is/are correct?

- A. Tax evasion is a criminal offense.
- B. Tax evasion is a civil offense.
- C. Tax evasion is a tax avoidance.
- D. Tax evasion is a tax evasion.
- E. Tax evasion is a tax evasion.

Choose the correct answer from the following:

- A. A and B
- B. A, B and C
- C. B, D and E
- D. A, C and E

Answer:

A

Sol:

The correct answer is A and B. Tax evasion is a criminal offense that involves the deliberate attempt to minimize tax liability by using fraudulent means. Statement A is correct because tax evasion involves the deliberate breaking of laws. Statement C is incorrect because tax evasion is not a tax avoidance. Statement D is incorrect because tax evasion is not a tax evasion. Statement E is incorrect because tax evasion is not a tax evasion.

Information Booster

Nature of Act: Tax evasion is a criminal offense that attracts heavy financial penalties and potential imprisonment under the Income Tax Act.

Methodology: It involves "colorable devices" such as maintaining double sets of books, claiming fake personal expenses as business expenses, or not reporting capital gains.

Intent (Mens Rea): There is a clear "guilty mind" or intent to defraud the government of its rightful revenue.

Impact on Economy: High levels of tax evasion lead to the generation of Black Money, which creates a parallel economy and hinders national development.

Burden of Proof: In cases of evasion, the burden of proof often lies heavily on the revenue authorities to establish that concealment or fraud has occurred.

A. Non-Agricultural income of more than the exemption limit or agricultural income exceeding ₹5000

B. Non-Agricultural income of more than the exemption limit or agricultural income exceeding ₹2500

C. Non-Agricultural income of more than the exemption limit and agricultural income exceeding ₹2500

D. Non-Agricultural income of more than the exemption limit and agricultural income exceeding ₹5000

D

The scheme of partial integration of tax or non-agricultural income with income derived from agriculture is applicable if an individual has:

Agricultural in

Explanation of

Although agricultural income is not taxable under the Income Tax Act, 1961, a mechanism has been provided for taxing agricultural income when an individual has substantial agricultural income. This is known as the 'Deemed Income' conditions for taxation of agricultural income.

The partial integration of agricultural income with the individual's other income is known as the 'Deemed Income' conditions for taxation of agricultural income.

Net Agricultural Income is the income derived from agricultural activities. Non-Agricultural Income is the income derived from non-agricultural activities. The basic exemption limit for individuals is ₹2,50,000.

they opt for.

Q13. What do you think will be the most significant change in the way we do business, as a result of the new product?

- 247

B

Organizational [REDACTED] rules that help bind the organization [REDACTED] the organization and with the outside world.

Organizational Culture: Also referred to as corporate culture, it includes the values and philosophies that guide behavior, decision-making, and relationships in an organization.

Elements: It encompasses shared experiences, expectations, and future goals that collectively define the organization's identity.

Additional Knowledge:

Impact of Culture: Organizational culture directly influences employee behavior, satisfaction, and performance. It helps create a cohesive working environment and fosters a sense of belonging and purpose.

Q14. Which of the following statements is/are incorrect regarding the different types of demand in marketing? Indicate the correct code.

I. In Unwholesome Demand, consumers seek to avoid products that have undesirable social consequences.

II. In Negative Demand, consumers dislike the product and may even pay to avoid it.

III. In Full Demand, consumers are buying products just at the level the company desires.

IV. In Latent Demand, consumers have a need that cannot be satisfied by any existing product.

- A. I and II
- B. I and III
- C. II and III
- D. II and IV

Answer:

A

Sol:

Statements I and II are incorrect.

Statement I is incorrect because Unwholesome Demand is a demand for products that are considered undesirable by society (e.g., alcohol, gambling, etc.). It does not seek to avoid products that have undesirable social consequences.

Statement II is incorrect because Negative Demand is a demand for products that consumers dislike and may pay to avoid it (e.g., snake skin shoes, etc.). It does not seek to avoid products that have undesirable social consequences.

Statement III is correct because Full Demand is a demand for products that consumers buy exactly as per the company's expectations.

Statement IV is correct because Latent Demand is a demand for products that consumers desire but are not satisfied by any existing product in the market.

Information Base

Types of Demand

1. Unwholesome Demand: Demand for goods that have potential negative social consequences.
2. Negative Demand: Demand for products that consumers dislike and may pay to avoid it.
3. Full Demand: Demand for products that consumers buy exactly as per the company's expectations.
4. Latent Demand: Demand for products that consumers desire but are not satisfied by any existing product in the market.

Q15. Which of the following formulas correctly shows the relationship between Average Revenue (AR), Marginal Revenue (MR), and Price Elasticity of Demand (e)?

- A. $MR = AR \times (e - 1)/e$
- B. $AR = MR \times (e - 1)/e$
- C. $MR = AR \times (e + 1)/e$
- D. $MR = AR + (e - 1)/(e + 1)$

Answer:

C

Sol:

The correct formula that shows the relationship between Average Revenue (AR), Marginal Revenue (MR), and Price Elasticity of Demand (e) is:

$$MR = AR \times (e - 1)/e$$

Explanation:

- Average Revenue (AR): AR, also the price (P), is the revenue per unit sold when a firm sells all units at the same price.
- Marginal Revenue (MR): MR is the additional revenue from selling one more unit.

-
- Price Elasticity of Demand (e): Demand elasticity measures how the quantity demanded changes with price. The relationship between MR and demand elasticity is important for understanding how changes in price affect total revenue.
-

Q16. International standards on auditing (ISAs) are generally issued and promoted by which of the following global organizations?

- A. International Federation of Accountants (IFAC)
- B. International Accounting Standards Board (IASB)
- C. International Auditing and Assurance Standards Board (IAASB)
- D. International Organization of Securities Commissions (IOSCO)

Choose the correct answer from the options given below:

- A. A & C
- B. A & B
- C. B & D
- D. C & D

Answer:

A

Sol:

The correct answer is A. The International Federation of Accountants (IFAC) is the global organization responsible for issuing International Auditing and Assurance Standards (IAASB). The IFAC is a non-profit organization that represents the accounting profession and sets global guidelines and frameworks for auditing through its various boards.

C (IAASB): The International Auditing and Assurance Standards Board (IAASB) is the body that issues International Auditing and Assurance Standards (ISAs). The IAASB's standards are globally recognized and promote the consistency of auditing practices globally. The IAASB's standards are based on the International Accounting Standards (IAS) and support the adoption of these standards across various countries. The IAASB's standards are internationally recognized standards that provide guidelines for auditors to follow, ensuring that auditors maintain a high level of consistency and quality in their work.

Q17. If a new contract replaces an existing contract with the agreement of all parties involved. This means that obligations under the old contract are completely discharged, and a fresh contract with new terms takes effect.

- A. Waiver
- B. Remission
- C. Novation
- D. Alteration

Answer:

C

Sol:

Novation occurs when a new contract replaces an existing contract with the agreement of all parties involved. This means that obligations under the old contract are completely discharged, and a fresh contract with new terms takes effect.

Incorrect options:

Waiver (a): This refers to the voluntary relinquishment of a legal right.

Remission (b): This involves accepting a lesser amount than what is due.

Alteration (d): This means modifying the terms of an existing contract without replacing it entirely.

Q18. Which of the following are considered characteristics of a 'Greenfield Investment' as a mode of Foreign Direct Investment?

- A. Establishing a new operational facility from the ground up
- B. Purchasing a controlling stake in an existing foreign company
- C. Creating a completely new business entity in the host country
- D. Merging with an overseas competitor
- E. Forming a new corporate entity with a local partner

Choose the correct answer from the options given below:

- A. A, C and E only
- B. A, B and C only
- C. B, C and D only
- D. A, C and D only

Answer:

A

Sol:

A Greenfield Investment (FDI) is a mode of investment in a foreign country, typically involving the establishment of new facilities such as factories or offices, rather than acquiring or merging with an existing company in the host country.

- A. Establishing a new operational facility from the ground up
- C. Creating a completely new business entity in the host country
- E. Forming a new corporate entity with a local partner

Information Booster:

Greenfield Investment (FDI) is a mode of investment in a foreign country, typically involving the establishment of new facilities such as factories or offices, rather than acquiring or merging with an existing company in the host country. This mode of investment allows a company to establish its operations in a new country, typically involving the establishment of new facilities such as factories or offices, rather than acquiring or merging with an existing company in the host country. This mode of investment allows a company to establish its operations in a new country, typically involving the establishment of new facilities such as factories or offices, rather than acquiring or merging with an existing company in the host country.

Q19. The Environment of business consists of all those external things to which it is exposed and by which it may be influenced, directly or indirectly" said by:

- A. Copeland and Shaw
- B. Wheelwright and Sohl
- C. Reinecke and Shoell
- D. None of the above

Answer:

C

Sol:

The correct answer is (c) Reinecke and Shoell.

Reinecke and Shoell are credited with defining the business environment as "The Environment of business consists of all those external things to which it is exposed and by which it may be influenced, directly or indirectly." This definition emphasizes the broad and dynamic factors that affect business operations, including social, economic, technological, and political influences from the external environment.

Information Booster:

The concept of business environment refers to the factors that influence a business's decision-making and overall operations. These factors can be categorized into two broad types:

1. Internal environment: Factors within the organization, such as management, employees, and internal policies.

Understanding the business environment is essential for companies to make informed decisions and develop strategies that adapt to changing conditions.

- A. Traditional Approach
- B. M M Model
- C. Net Income Approach
- D. Net Operating Income Approach

B

[illegible]

A. Financial Risk
B. Indifference Point
C. Leverage Crossover
D. Optimal Capital Structure

B

The Indifference Point is the EBIT level at which the Earnings Per Share (EPS) is the same for two alternative financial plans. At this point, the choice between the financial plans (e.g., using debt or equity financing) does not affect the company's EPS. This is a key concept in capital structure decisions, helping the firm to determine the level of EBIT where the impact of different financing choices (debt vs. equity) results in the same return to shareholders.

Information Booster: The Indifference Point is crucial for a company in deciding whether to finance through debt or equity. The firm calculates the indifference point where the cost of debt financing (with interest payments) balances

the benefits of equity financing (such as no obligation for interest payments). If the EBIT is lower than the indifference point, equity financing might be better, as debt financing could lead to higher interest costs. If EBIT is higher than the indifference point, debt financing might be more advantageous due to the tax advantages and the leverage effect.

Additional Knowledge:

(A) Financial Break-even Point: This refers to the level of EBIT where the firm covers its fixed costs, including interest payments, but does not make a profit. It's different from the indifference point.

(C) Leverage Crossover: This term refers to the EBIT level at which the effects of operating leverage and financial leverage intersect. It is often used in the context of understanding how changes in EBIT affect the financial returns from different capital structures but is not the same as the indifference point.

(D) Optimal Capital Structure: The optimal capital structure refers to the best mix of debt and equity financing that minimizes the company's cost of capital and maximizes its value. While related to financing decisions, it is not the same as the indifference point, which focuses on where EPS is identical across financing options.

Q22. Which d

- I) Residual div
- II) Stable divid
- III) Constant d
- IV) Zero divid

Options:

- A. I and
- B. I, II an
- C. II and
- D. III and
- E. All of

Answer:

A

Sol:

Residual Dividend Policy:

In a residual dividend policy, a company first fulfills its capital budget and then distributes remaining earnings.

After meeting investment needs and operating requirements, the remainder of the available funds are distributed as dividends.

This policy is particularly useful for companies with high growth opportunities, as it allows them to allocate funds to profitable investments while still providing dividends to shareholders.

Stable Dividend

A stable dividend policy is characterized by maintaining a relatively consistent dividend payout to shareholders, often regardless of fluctuations in earnings.

The objective of this policy is to provide shareholders with a predictable and stable stream of dividend income.

Q23. In statistics, the standard deviation of a sampling distribution is specifically known as the:

- A. Sampling Error
- B. Standard Deviation
- C. Standard Error
- D. Margin of Error

Answer:

C

Sol:

The standard deviation of a sampling distribution represents how much the sample statistic (such as the sample mean) is expected to vary from sample to sample. This measure is specifically called the *Standard Error*. It helps quantify the precision of an estimate—lower standard error indicates a more reliable estimate of the population parameter.

The standard error (SE) is calculated as:

$$SE = \frac{\sigma}{\sqrt{n}}$$

where:

= population standard deviation

= sample size

As the sample size increases, the standard error decreases, meaning the sample mean is expected to be tighter around the true population mean.

Q24. Arrange the following deductions in chronological order as per the Income Tax Act, 1961:

- A. Deduction for interest on loan for purchase of a house (Section 80C)
 - B. Deduction for interest on loan for purchase of a house (Section 80E)
 - C. Deduction for interest on loan for purchase of a house (Section 80D)
 - D. Deduction for interest on loan for purchase of a house (Section 80GG)
 - E. Deduction for interest on loan for purchase of a house (Section 80G)
- A. C, A, B, E, D
B. C, E, A, D, B
C. A, C, B, E, D
D. C, B, A, E, D

Answer:

A

Sol:

According to the section numbers, beginning with Section 80C and moving forward:

- Section 80C → Deduction for life insurance premium
- Section 80DD → Deduction for interest on loan for purchase of a house
- Section 80E → Deduction for interest on loan for purchase of a house
- Section 80GG → Deduction for interest on loan for purchase of a house
- Section 80G → Deduction for interest on loan for purchase of a house
- Section 80GGB → Deduction for interest on loan for purchase of a house

Hence, the correct chronological order is:

C (80C), A (80DD), B (80E), E (80GG), D (80GGB)

Therefore, the correct answer is (a).

Therefore, option (a) C, A, B, E, D is the correct sequence.

Information Booster: Sections 80C to 80U offer various deductions under Chapter VI-A of the Income Tax Act to incentivize savings, investments, education, health care, and political participation. Section 80C is the most commonly used, allowing deductions on life insurance premiums and other investments. Section 80DD supports families with disabled dependents, while Section 80GG benefits those paying rent without HRA. Section 80E encourages education through loan interest deductions, and Section 80GGB promotes political funding transparency.

Additional Knowledge:

Knowing the section-wise order helps taxpayers and professionals quickly locate applicable deductions.

Each section has specific conditions, limits, and eligible investments or expenses.
Proper utilization of these deductions can significantly reduce taxable income.
Hence, option (a) is the correct ascending section-wise order of these provisions.

Q25. A charitable trust (registered under section 12 AB of the Income Tax Act) is registered under GST in New Delhi. It provided yoga training to middle-aged people, coaching for Basket-ball to teenagers and skill development services to persons over the age of 65 years residing in New Delhi in the month of July. This trust is liable to pay GST on:

- A. Yoga training
- B. Skill-development services
- C. Coaching for basket-ball
- D. Coaching for basket-ball and Yoga training

Answer:

B

Sol:

A charitable trust registered under section 12 AB of the Income Tax Act, New Delhi, offers yoga training to middle-aged people, coaching for Basket-ball to teenagers and skill development services to persons over the age of 65 years old residing in New Delhi in the month of July. This trust is liable to pay GST on the supply of goods by the trust and not on the supply of services.

Q26. In capital budgeting, a project is considered acceptable if its NPV is:

- A. Negative
- B. Positive
- C. Equal to zero
- D. Less than zero

Answer:

B

Sol:

In capital budgeting, a project is considered acceptable if its Net Present Value (NPV) is positive. The NPV method evaluates the profitability of an investment by discounting the future cash flows at the cost of capital. If the NPV is positive, the project is expected to generate more value than its cost and should increase the wealth of the firm.

If the NPV is zero, the project is expected to generate just enough returns to cover the cost of capital, and while it does not add value, it is still acceptable because it meets the minimum return requirements.

If the NPV is negative, the project is expected to destroy value and should be rejected.

Thus, the project is acceptable if the NPV is positive or zero.

Q27. Which of the following statements correctly distinguish between Foreign Direct Investment (FDI) and Foreign Portfolio Investment (FPI)?

- (A) FDI involves long-term interest and management control, whereas FPI is limited to passive holdings in financial assets.
- (B) FDI is more volatile in nature compared to FPI as it can be withdrawn quickly in response to market conditions.
- (C) FPI contributes more directly to the productive capacity of an economy than FDI.

(D) FDI typically comes with technology transfer, managerial expertise, and employment generation, unlike FPI.

Choose the correct answer from the options given below:

- A. B, C only
- B. A, C only
- C. B, D only
- D. A, D only

Answer:

D

Sol:

Statement (A) is correct. Foreign Direct Investment (FDI) refers to investment in physical assets or a significant stake (generally 10% or more) in a foreign enterprise, often resulting in management influence or control. FPI, on the other hand, involves investment in financial assets like stocks and bonds without any managerial control—hence it is more passive.

Statement (D) is correct. FDI typically comes with technology transfer, managerial expertise, and employment generation, unlike FPI. FPI contributes to financial markets but does not directly contribute to economic growth or employment.

Information Base

- FDI brings in capital, technology, and managerial expertise, leading to better business practices, and contributes to economic growth and employment.
- FDI can lead to the acquisition of new technologies and managerial expertise, contributing to the growth of existing enterprises.
- FPI involves investment in financial assets like stocks and bonds, etc.
- FDI is regulated by the Reserve Bank of India (RBI) and FPI is regulated by SEBI.
- The Department of Industrial Policy and Promotion (DIPP) and Ministry of External Affairs (MEA) are involved in FDI.
- India requires government approval for FDI in certain sectors, depending on the sector.

Additional Knowledge

Statement (B) is incorrect. FDI is not always a long-term investment. In reality, FDI is considered a long-term investment as disinvesting in physical or strategic assets involves more barriers than withdrawing financial assets.

Statement (C) is incorrect. FDI is not directly linked to productivity. It is setting up industries or job creation. FDI plays a role effectively by investing in infrastructure, machinery, and human capital.

Q28. What is the WTO?

- A. It was established in 1995.
- B. It replaced the General Agreement on Tariffs and Trade (GATT) in 1986.
- C. The WTO was created to implement the final agreement of the Uruguay Round of GATT in 1995.
- D. It was formed after the establishment of the United Nations Conference on Trade and Development (UNCTAD) in 1963.

Answer:

C

Sol:

The World Trade Organization (WTO) was established on January 1, 1995, to implement the final act of the Uruguay Round of GATT. The Uruguay Round, initiated in September 1986, concluded with the creation of the WTO, marking a shift from GATT to a more comprehensive international trade organization. The WTO's headquarters were approved by the WTO General Council in Geneva, Switzerland, in May 1995.

Information Booster: The WTO's creation was crucial in transforming global trade governance, succeeding the General Agreement on Tariffs and Trade (GATT). Unlike GATT, which was a series of agreements rather than a formal institution, the WTO was established with a permanent structure, comprehensive rules, and the authority to enforce trade agreements. The 1995 establishment followed the conclusion of the Uruguay Round, which marked significant trade negotiations to liberalize international trade and involved both developed and developing countries.

Q29. Presentation of Financial Statements is related to which Indian accounting standard?

- A. Ind- AS:1
- B. Ind- AS: 8
- C. Ind-AS: 28
- D. Ind-AS: 34

Answer:

A

Sol:

Ind-AS 1 is the standard for the presentation of financial statements. The standard prescribes the format and content of financial statements, including the balance sheet, profit and loss statement, cash flow statement, and statement of changes in equity.

Q30. Assertion (A) states that the primary objective of the RBI is to maintain monetary policy stability. Reasoning (R) states that the RBI's primary objective is to control inflation and promote economic growth.

Options:

- A. Both A and R are true, but R is not the correct explanation for Assertion (A).
- B. Both A and R are true, but R is the correct explanation for Assertion (A).
- C. Assertion (A) is true, but Reasoning (R) is false.
- D. Assertion (A) is false, but Reasoning (R) is true.
- E. Both Assertion (A) and Reasoning (R) are false.

Answer:

B

Sol:

The RBI, like most central banks, has multiple objectives. Its primary objective is to maintain monetary policy stability, which it does through inflation targeting. This means that the RBI sets a specific target for the inflation rate and uses various monetary policy tools to keep inflation within that target range. The rationale behind this is that stable prices create a favorable environment for economic growth, as they reduce uncertainty and allow businesses and consumers to make long-term plans.

However, controlling inflation is not the RBI's only objective. The RBI also aims to promote economic growth and financial stability. This means that the RBI must sometimes balance its efforts to control inflation with the need to support economic growth, especially in times of economic downturns. For instance, during a recession, the RBI might lower interest rates to stimulate borrowing and investment, even if this risks higher inflation in the short term.

Both the assertion and the reasoning are true. The RBI does indeed focus on inflation targeting as a key objective. However, the reasoning provided explains another aspect of the RBI's role, which is to balance inflation control with promoting economic growth. Therefore, while the reasoning is true, it does not directly explain why inflation targeting is a primary focus for the RBI. This makes option (b) the correct choice.

Q31. Which of the following correctly differentiates between collusive and non-collusive oligopoly?

- A. Collusive oligopoly allows new firms to freely enter, while non-collusive restricts entry.
- B. Collusive oligopoly involves product differentiation, while non-collusive involves homogeneous products.
- C. Collusive oligopoly involves mutual understanding among firms to fix prices or output, while non-collusive involves independent decision-making and competition.
- D. Collusive oligopoly occurs in organized markets, while non-collusive exists only in international markets.

Answer:

C

Sol:

In a collusive oligopoly, firms cooperate, either explicitly or tacitly, to set prices or output. This coordination reduces competition.

In a non-collusive oligopoly, firms do not coordinate their actions in terms of price, output, and strategy.

Information Booster:

From the image:

Pure oligopoly involves identical products, while differentiated oligopoly involves differentiated products.

Open oligopoly allows new firms to enter, while closed oligopoly restricts entry.

Partial oligopoly involves partial coordination, while full oligopoly involves full coordination.

Syndicated and cartel are forms of collusive oligopoly.

Q32. Which of the following is the primary objective of NABARD?

- A. To provide credit to small and marginal farmers.
- B. To grant loans to agricultural development.
- C. To serve as a financial institution for rural development.
- D. To take up the responsibility of inspecting State Co-operative Societies.

Answer:

B

Sol:

NABARD (National Bank for Agriculture and Rural Development) is a financial institution established by the Central Government. Its primary objective is to provide credit to agricultural development.

NABARD also provides technical assistance to rural development.

Information Booster: NABARD was established to promote sustainable and equitable agriculture and rural development through financial and developmental support. It refines credit to banks and cooperatives and plays a supervisory role.

Q33. SIDBI was set up as a subsidiary of IDBI to:

- A. Take over the functions of small business financing of IDBI
- B. Take over the venture capital operation of IDBI
- C. Reconstruct and rehabilitate the sick and closed industrial units financed by IDBI
- D. Facilitate, finance, and promote India's foreign trade

Answer:

A

Sol:

The Small Industries Development Bank of India (SIDBI) was established in 1990 as a subsidiary of IDBI to take over IDBI's small business financing operations. SIDBI's primary objective is to promote, finance, and develop micro, small, and medium enterprises (MSMEs).

Information Booster:

SIDBI provides refinancing, direct lending, and support services to MSMEs.

It also helps in skill development and cluster development programs for small businesses.

Additional Knowledge:

(b): SIDBI does not handle venture capital operations exclusively.

(c): Rehabilitation of sick units is managed by separate mechanisms.

(d): Facilitating foreign trade is the role of institutions like EXIM Bank.

Q34. Arrange

- A. Job Offer
- B. Preliminary
- C. Background
- D. Employment
- E. Final Interview

Choose the correct order of the following:

- A. B, D, E, C, A
- B. D, B, E, C, A
- C. B, E, D, C, A
- D. D, E, B, C, A

Answer:

A

Sol:

The correct sequence of the recruitment process is B → D → E → C → A:

1. B: Preliminary Interview – The first step involves a screening interview to shortlist candidates based on basic qualifications and suitability for the job. This helps reduce the candidate pool to only those who are eligible for further evaluation.
2. D: Employment Interview – The next step is a detailed interview where the candidate's aptitude, skills, knowledge, and experience are assessed. This may include technical and cognitive skills tests.
3. E: Final Interview – The final interview is conducted by a selection committee. It evaluates the candidate's fit with the organization's culture, communication skills, and decision-making capabilities.
4. C: Background Check – Once the final candidate is selected, a background verification is conducted to confirm educational qualifications, employment history, criminal record (if applicable), and other relevant details.
5. A: Job Offer – The final step is offering employment to the selected candidate, including details about compensation, job role, and terms of employment.

Q35. Match the measures of skewness in LIST-I with their correct formulas in LIST-II:

LIST-I	LIST-II
A. Karl Pearson's Coefficient of Skewness	I. $\frac{Q_3 + Q_1 - 2M}{Q_3 - Q_1}$
B. Bowley's Coefficient of Skewness	II. $\frac{P_{90} + P_{10} - 2\text{Median}}{P_{90} - P_{10}}$
C. Kelly's Coefficient of Skewness	$\frac{(\mu_3)^2}{(\mu_2)^3}$
D. Moment Coefficient of Skewness	$\frac{\text{Mean} - \text{Mode}}{\text{Standard Deviation}}$

Choose the correct match from the following:

- A. A-IV, B-III, C-II, D-I
- B. A-II, B-I, C-III, D-IV
- C. A-III, B-II, C-I, D-IV
- D. A-I, B-III, C-II, D-IV

Answer:

A

Sol:

The correct match is:

A. Karl Pearson's Coefficient of Skewness (Sk) is the most widely used coefficient of skewness. It is based on the relationship between the mean, mode, and standard deviation. The formula is:

$$Sk = \frac{\text{Mean} - \text{Mode}}{\text{Standard Deviation}}$$

B. Bowley's Coefficient of Skewness (Sk) is based on quartiles, which are positional measures. Standard deviation cannot be calculated. (Note: Q_2 or Median (M) is equivalent to P_{50}). The formula is:

$$Sk = \frac{Q_3 + Q_1 - 2M}{Q_3 - Q_1}$$

C. Kelly's Coefficient of Skewness: This measure is also a positional measure like Bowley's but uses a broader range of the distribution, specifically the 10th and 90th percentiles (P_{10} and P_{90}), leaving out only 20% of the observations (10% in each tail). The formula is:

$$Sk = \frac{P_{90} + P_{10} - 2\text{Median}}{P_{90} - P_{10}}$$

D. Moment Coefficient of Skewness (β_1 or γ_1): This measure uses the moments about the mean. The formula given in List-II is for β_1 (Beta-one), which is related to the square of the coefficient of skewness based on the third central moment. The formula is:

$$S_k = \frac{(\mu_3)^2}{(\mu_2)^3}$$

Q36. Which of the following statements is incorrect regarding the cash flow statement?

- A. Depreciation is added back to net profit in the cash flow from operating activities.
- B. Cash received from the issue of shares is shown under cash flow from financing activities.
- C. Cash paid for purchasing fixed assets is included in cash flow from investing activities.
- D. Interest

Answer:

D

Sol:

Interest paid is shown under cash flow from financing activities. Cash flow from financing activities includes cash received from issuing capital and repaying it, interest on loans, etc. Information Booklet for the year 2019-2020. Cash Flow Statement is a statement that shows how changes in balance sheet items are affected by cash and cash equivalents. It is divided into three sections:

1. Operating Activities: These are the primary business activities that generate cash from sales and cash payments.
2. Investing Activities: These are the activities that involve the purchase of equipment, land, and other long-term assets.
3. Financing Activities: These are the activities involving equity and debt, such as issuing shares, borrowing, or repaying loans.

Additional Knowledge

Incorrect Option

- (a) Depreciation is a non-cash expense and is added back to net profit in the cash flow from operating activities.
- (b) Cash received from the issue of shares is shown under cash flow from financing activities as it involves raising capital.

(c) Cash paid for purchasing fixed assets is included in cash flow from investing activities: Correct, as investing activities relate to the purchase and sale of long-term assets.