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BRAINWARE UNIVERSITY

Term End Examination 2024-2025

Programme – Dip.CE-2022

Course Name – Tendering and Accounts

Course Code - DCEPE601C

(Semester VI)

Full Marks : 60

Time : 2:30 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

(Multiple Choice Type Question)

1 x 15=15

1. Choose the correct alternative from the following :

- (i) Identify the authority responsible for granting technical sanction.
 - a) Engineer-in-charge
 - b) Finance officer
 - c) Contractor
 - d) Material supplier
- (ii) Identify the component of a construction budget.
 - a) Labor cost
 - b) Weather conditions
 - c) Political factors
 - d) Environmental laws
- (iii) Identify the procurement method used in government projects.
 - a) Contract method
 - b) Rate list method
 - c) Direct purchase
 - d) Barter system
- (iv) Select the process required before starting a public sector project.
 - a) Technical sanction
 - b) Budget provision
 - c) Administrative approval
 - d) Tendering
- (v) Select the type of sanction that ensures technical feasibility.
 - a) Administrative approval
 - b) Technical sanction
 - c) Expenditure sanction
 - d) Work permit
- (vi) Identify the main purpose of a contract in engineering projects.
 - a) Define work scope
 - b) Avoid disputes
 - c) Allocate resources
 - d) All of these
- (vii) Identify the governing law for contracts in India.
 - a) Indian Civil Act
 - b) Indian Contract Act
 - c) Engineering Act
 - d) Arbitration Act
- (viii) Select the contract type suitable for demolition work.
 - a) Target contract
 - b) Percentage rate contract
 - c) Lump sum contract
 - d) Demolition contract
- (ix) Identify the correct definition of a tender.

- a) A contract agreement
b) A bidding process to procure services or goods
c) A document for project planning
d) A bill of quantities
- (x) Identify the necessity of a tender in construction projects.
a) Ensuring competition
b) Reducing project cost
c) Maintaining transparency
d) All of these
- (xi) Select the correct sequence of the tendering process.
a) NIT → Bid submission → Bid opening → Award of contract
b) Bid opening → NIT → Bid submission → Award of contract
c) Award of contract → NIT → Bid submission → Bid opening
d) NIT → Award of contract → Bid submission → Bid opening
- (xii) Choose the main characteristic of an unbalanced bid.
a) All rates are uniform
b) Some rates are too high or too low
c) The bid is exactly as per the estimated cost
d) The bid includes only financial details
- (xiii) Choose the correct order for arbitration proceedings.
a) Dispute arises → Arbitration process → Arbitrator decision → Arbitration award
b) Arbitration process → Dispute arises → Arbitration award → Arbitrator decision
c) Arbitrator decision → Arbitration award → Dispute arises → Arbitration process
d) Arbitration award → Arbitrator decision → Dispute arises → Arbitration process
- (xiv) Identify the document that records daily wage workers.
a) Measurement Book
b) Nominal Muster Roll (NMR)
c) Indent
d) Invoice
- (xv) Choose the best reason why property valuation is necessary.
a) To estimate tax payments
b) To check building strength
c) To determine market demand
d) To find accurate asset value

Group-B

(Short Answer Type Questions)

3 x 5=15

2. Compare percentage rate contracts with item rate contracts in terms of risk distribution. (3)
3. Define E-Tendering and describe its advantages over traditional tendering methods. (3)
4. Compare Measurement Book and E-Measurement Book (E-MB). (3)
5. Describe the necessity of Secured Advance in contract payments. (3)
6. Distinguish between Petty Advance and Mobilization Advance. (3)

OR

Differentiate between Vouchers and Bills in construction accounting. (3)

Group-C

(Long Answer Type Questions)

5 x 6=30

7. Classify the various types of contracts used in civil engineering projects. (5)
8. Distinguish between different types of cost-plus contracts with examples. (5)
9. State the importance of contract conditions in tender documents. (5)
10. Compare different types of advances given to contractors. (5)
11. Distinguish between different types of values used in valuation. (5)
12. Explain the difference between a Hand Receipt and a Nominal Muster Roll. (5)

OR

Distinguish between Secured Advance and Petty Advance in construction projects. (5)
