

12. Estimation Costing

Q. ID: ITISKILL2455TT

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Question Paper

Duration: 30 Mins

Total Marks: 37

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Student Name: _____ Roll No: _____

1. What is the weight of the iron ball has volume of 250 cc and density 7.5 gm/cc?

- A) 1875 gram B) 1785 gram
C) 1750 gram D) 1975 gram

2. What is a under estimate?

- A) An estimate perfectly matches with actual B) No work started as per estimate
C) An estimate is fell short of the actual estimate D) An estimate is exceeded the actual estimate

3. What percentage of water absorbed by a good building stone?

- A) Less than 10% B) Less than 5%
C) Less than 8% D) Less than 20%

4. What is the total cost of Air-conditioners installed in a college, 40 class room-each 1 Air-conditioner, Computer lab 5 Air- conditioners and conference hall 5 Air-conditioners (Cost of one air conditioner Rs.30000/- including installation)?

- A) Rs.10 lakhs B) Rs. 20 lakhs
C) Rs. 15 lakhs D) Rs. 12 lakhs

5. What is the weight of a rectangular block of a cost iron of 250cm X 20cm X 8cm (density of cast iron is 7.8 gm/cm³)?

- A) 372 kg B) 410 kg
C) 525 kg D) 312 kg

6. What is a total cost?

- A) Advertisement cost only B) Machining cost only
C) Raw material cost only D) Raw materials cost and machining cost

7. What is the estimation of milling cost of a rectangular block size 100 X 80 X60 mm, if cost of the milling is Rs.2/sq.cm?

- A) Rs.572/- B) Rs.652/-
C) Rs.960/- D) Rs.752/-

8. What is an over estimate?

- A) When an estimate is fell short of the actual estimate B) When an estimate is exceeded to actual estimate

- C) When an estimate perfectly matches the actual estimate D) No work started as per estimate

9. What describes the detailed specification for the item of work?

- A) Maintenance, Stock, Cost B) Tax, Transport, Overhead expenses
C) Quality, Quantity, Workmanship, Method of execution D) Colour

10. Which one is included in machining estimation sheet?

- A) Raw material cost B) Transport cost
C) Tax D) Advertisement cost

11. Which hand book referred by machine engineer?

- A) Parry's cheorikal B) Oxford Dictionary
C) CRC D) Mark standard

12. Which authority publishes schedule of rates?

- A) Corporate B) Partnership firm
C) Individual D) Government department

13. Which one is the most reliable estimate?

- A) Preliminary estimate B) Plinth area estimate
C) Detailed estimate D) Cube rate estimate

14. What is the total construction cost of a house construction area of 3000 sq.ft. (cost of construction Rs.2000/- per sq.ft including material and labour)?

- A) Rs.6,000,000 B) Rs.60,00,000
C) Rs.30,000,000 D) Rs.6,00,000

15. What is the minimum permissible area of conductor (U/G cable) for three and half cores cable?

- A) 25 sq.mm B) 5 sq.mm
C) 50 sq.mm D) 100 sq.mm

16. Which standard schedule of rates to be considered for estimation?

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|--|---|----------------|----------------|
| A) Standard schedule of rates of the last year | B) Standard schedule of rates of the average of the last 10 years | A) Rs.225000/- | B) Rs.265000/- |
| C) Standard schedule of rates of the average of last 5 years | D) Standard schedule of rates of the current year | C) Rs.250000/- | D) Rs.275000/- |

17. What is the total estimation cost for making the component of 8 drilled hole dia 10 mm and 4 Numbers of M6 taps in the plate, if Rs.8/- per drilled holes and Rs.12 per drill and tap?

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|-----------|-----------|
| A) Rs.100 | B) Rs.102 |
| C) Rs.112 | D) Rs.110 |

18. Which specification is other than general specification?

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|---------------------------|-----------------------|
| A) Detailed specification | B) Bulk specification |
| C) Brief specification | D) Main specification |

19. What is the name of a booklet, the rates of various terms are indicated?

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|--------------------|----------------|
| A) Price catalogue | B) Price bunch |
| C) Price tag | D) Price bank |

20. What cables are used for 132KV lines?

- | | |
|------------------------|------------------|
| A) Extra super voltage | B) High tension |
| C) Extra high tension | D) Super tension |

21. Who prepares the cost of estimation?

- | | |
|-----------------|----------------------|
| A) Draughts man | B) Quality Inspector |
| C) Operator | D) Estimator |

22. What is the total labour charges for a particular wiring work completed in 2 days by one electrician and one helper.(Electrician @ ₹800/day and helper @ Rs 400/day)

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|-------------|-------------|
| A) Rs. 1400 | B) Rs. 3000 |
| C) Rs. 2000 | D) Rs. 2400 |

23. Which of the impurity in cast iron makes it hard and brittle?

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|---------------|--------------|
| A) Silicon | B) Manganese |
| C) Phosphorus | D) Sulphur |

24. Which one is related to estimation of work?

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|----------------------|--------------|
| A) Bill of material | B) Packing |
| C) Information table | D) Hand book |

25. What is the total cost to assemble 10 personal computer systems, spares cost as given for one system: 1 TB hard disc Rs.4500/-, Intel i3 mother board Rs.7000/-, SMPS Rs.2500/-, monitor Rs.6000/-, keyboard Rs.1000/-, other material cost (Switches, USB, Cabl

26. Which IE rules are to be verified on completion of wiring on any new installation?

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|-------------------|-------------------|
| A) IE Rules, 1967 | B) IE Rules, 1956 |
| C) IE Rules, 1961 | D) IE Rules, 1960 |

27. What is the relative permittivity of rubber?

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|--------------------|----------------------|
| A) Between 5 and 6 | B) Between 8 and 10 |
| C) Between 2 and 3 | D) Between 12 and 14 |

28. What is the main factor to be considered while preparing a detailed estimate?

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|---------------------------|---|
| A) Shape of material | B) Quantity, availability and transportation of materials |
| C) Brand of the materials | D) Location of material |

29. What is the term used for the method of calculating various quantities and expenditure on a particular job or process?

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|------------------|---------------|
| A) Plan | B) Estimation |
| C) Specification | D) Drawing |

30. What is the other term used for reference table?

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|-----------------|----------------------|
| A) Dictionary | B) Information Table |
| C) Bibliography | D) Biography |

31. What is the minimum permissible size of aluminium wire used in estimation?

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|--------------|--------------|
| A) 2.5 sq.mm | B) 5 sq.mm |
| C) 3.5 sq.mm | D) 1.5 sq.mm |

32. What is the total wattage in a room if 2 tube lights of 50W rating, 2 fans of 80W rating, 2 numbers of light points of 60W rating, one fan point of 60W rating and one 3 pin socket of 100W rating?

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|----------|----------|
| A) 340 W | B) 540 W |
| C) 640 W | D) 440 W |

33. What is the use of engineering drawing?

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|-----------------------------|---|
| A) For colourful appearance | B) For estimation of material and execution of work |
| C) For reducing the cost | D) For increasing the cost |

34. What is the total cost of painting of a class room including ceiling, if the size of length is 6m, breadth is 5m and height is 4m. (Painting + labour cost Rs.150/- per sq.m)

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|---------------|---------------|
| A) Rs.18700/- | B) Rs.17700/- |
| C) Rs.15000/- | D) Rs.16700/- |

35. What is a hand book?

A) Design book of latest works

B) Dictionary of materials

C) Type of reference work or other collection of instruction

D) Model book of various works

36. What is the other term of pocket reference in engineering works?

A) New book

B) Good book

C) Hand tool

D) Hand book

37. What is the term, for the details of materials, brand name, grade of quality, rating of current and voltage etc.?

A) Drawing

B) Price catalogue

C) Specification of materials

D) Raw materials