

12. Estimation Costing

Q. ID: ITISKILL2455TT

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Govt ITI Beerihundi

Answer Key

Duration: 30 Mins

Total Marks: 37

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1. Which authority publishes schedule of rates?

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

Answer: A) Government department

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

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

Answer: B) IE Rules, 1956

3. 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?

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

Answer: A) 540 W

4. 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

Answer: A) 1875 gram

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

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

Answer: B) 312 kg

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

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

Answer: B) Information Table

7. Who prepares the cost of estimation?

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

Answer: B) Estimator

8. 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

Answer: C) Quality, Quantity, Workmanship, Method of execution

9. What is the use of engineering drawing?

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

Answer: D) For estimation of material and execution of work

10. Which hand book referred by machine engineer?

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

Answer: C) Mark standard

11. 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?

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

Answer: A) Rs.112

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

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

Answer: B) Sulphur

13. 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)

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

Answer: C) Rs.17700/-

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

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

Answer: B) Estimation

15. Which specification is other than general specification?

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

Answer: D) Detailed specification

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

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

Answer: C) Less than 5%

17. 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. 15 lakhs B) Rs. 12 lakhs
C) Rs. 20 lakhs D) Rs.10 lakhs

Answer: A) Rs. 15 lakhs

18. 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.30,000,000 B) Rs.60,00,000
C) Rs.6,00,000 D) Rs.6,000,000

Answer: B) Rs.60,00,000

19. What is the relative permittivity of rubber?

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

Answer: D) Between 2 and 3

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

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

Answer: D) 50 sq.mm

21. 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)

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

Answer: D) Rs. 2400

22. 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

- A) Rs.250000/- B) Rs.275000/-
C) Rs.225000/- D) Rs.265000/-

Answer: B) Rs.275000/-

23. 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.652/- B) Rs.960/-
C) Rs.752/- D) Rs.572/-

Answer: C) Rs.752/-

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

- A) Specification of materials B) Drawing
C) Raw materials D) Price catalogue

Answer: A) Specification of materials

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

- A) Standard schedule of rates of the last year B) Standard schedule of rates of the average of last 5 years
C) Standard schedule of rates of the average of the last 10 years D) Standard schedule of rates of the current year

Answer: D) Standard schedule of rates of the current year

26. What is a total cost?

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

Answer: C) Raw materials cost and machining cost

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

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

Answer: B) Price catalogue

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

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

Answer: C) 1.5 sq.mm

29. Which one is the most reliable estimate?

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

Answer: D) Detailed estimate

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

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

Answer: D) Quantity, availability and transportation of materials

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

- A) Good book
- B) Hand tool
- C) New book
- D) Hand book

Answer: D) Hand book

32. What is a hand book?

- A) Design book of latest works
- B) Model book of various works
- C) Dictionary of materials
- D) Type of reference work or other collection of instruction

Answer: D) Type of reference work or other collection of instruction

33. What is a under estimate?

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

Answer: B) An estimate is fell short of the actual estimate

34. Which one is included in machining estimation sheet?

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

Answer: C) Raw material cost

35. What cables are used for 132KV lines?

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

Answer: D) Extra super voltage

36. What is an over estimate?

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

Answer: A) When an estimate is exceeded to actual estimate

37. Which one is related to estimation of work?

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

Answer: A) Bill of material