

Duration: 30 Mins

Total Marks: 37

ID: ITISKILL8354SB

Student Name: _____ Roll No: _____

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

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

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

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

3. 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

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

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

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

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

6. What is the use of engineering drawing?

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

7. What cables are used for 132KV lines?

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

8. Which one is included in machining estimation sheet?

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

9. Which one is related to estimation of work?

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

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

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

11. 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.225000/- B) Rs.250000/-
C) Rs.265000/- D) Rs.275000/-

12. 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. 15 lakhs
C) Rs. 20 lakhs D) Rs. 12 lakhs

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

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

14. What is a under estimate?

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

15. 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.572/-
C) Rs.960/- D) Rs.752/-

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

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

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

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

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

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

19. 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) 312 kg
- B) 525 kg
- C) 410 kg
- D) 372 kg

20. Which hand book referred by machine engineer?

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

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

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

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

23. What is a total cost?

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

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

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

25. 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) 640 W
- B) 340 W
- C) 440 W
- D) 540 W

26. Which one is the most reliable estimate?

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

27. Which authority publishes schedule of rates?

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

28. 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.60,00,000
- B) Rs.6,000,000
- C) Rs.30,000,000
- D) Rs.6,00,000

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

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

30. What is an over estimate?

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

31. Which specification is other than general specification?

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

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

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

33. 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.102
- B) Rs.112
- C) Rs.100
- D) Rs.110

34. What is a hand book?

- A) Type of reference work or other collection of instruction
- B) Dictionary of materials instruction
- C) Model book of various works
- D) Design book of latest works
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35. Who prepares the cost of estimation?

- A) Estimator
- B) Draughts man
- C) Operator
- D) Quality Inspector
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36. 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.16700/-
- B) Rs.17700/-
- C) Rs.18700/-
- D) Rs.15000/-
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37. What is the relative permittivity of rubber?

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