

Duration: 30 Mins

Total Marks: 37

Q.ID: ITISKILL8354SB

1. 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. 12 lakhs D) Rs. 15 lakhs

Answer: D) Rs. 15 lakhs

2. 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.752/-
C) Rs.960/- D) Rs.652/-

Answer: B) Rs.752/-

3. Which one is included in machining estimation sheet?

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

Answer: C) Raw material cost

4. What is the relative permittivity of rubber?

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

Answer: B) Between 2 and 3

5. Which specification is other than general specification?

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

Answer: A) Detailed specification

6. 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.6,00,000
C) Rs.60,00,000 D) Rs.6,000,000

Answer: C) Rs.60,00,000

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

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

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

8. What is an over estimate?

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

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

9. What is a total cost?

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

Answer: D) Raw materials cost and machining cost

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

Answer: C) Price catalogue

11. Which authority publishes schedule of rates?

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

Answer: D) Government department

12. Which hand book referred by machine engineer?

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

Answer: B) Mark standard

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

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

Answer: A) IE Rules, 1956

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

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

Answer: B) Quantity, availability and transportation of

materials

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

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

Answer: A) 1.5 sq.mm

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

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

Answer: D) 50 sq.mm

17. What is a under estimate?

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

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

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

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

Answer: B) 1875 gram

19. 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. 2000
- C) Rs. 2400
- D) Rs. 1400

Answer: C) Rs. 2400

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

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

Answer: B) Less than 5%

21. What is a hand book?

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

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

22. 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.110
- C) Rs.112
- D) Rs.100

Answer: C) Rs.112

23. What is the use of engineering drawing?

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

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

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) Price catalogue
- C) Raw materials
- D) Drawing

Answer: A) Specification of materials

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) 540 W
- C) 340 W
- D) 440 W

Answer: B) 540 W

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

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

Answer: D) Hand book

27. Which one is the most reliable estimate?

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

Answer: A) Detailed estimate

28. 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.18700/-
- B) Rs.15000/-
- C) Rs.16700/-
- D) Rs.17700/-

Answer: D) Rs.17700/-

29. 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.275000/-
- B) Rs.225000/-
- C) Rs.265000/-
- D) Rs.250000/-

Answer: A) Rs.275000/-

30. Which of the impurity in cast iron makes it hard and

brittle?

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

Answer: A) Sulphur

31. Which one is related to estimation of work?

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

Answer: A) Bill of material

32. What cables are used for 132KV lines?

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

Answer: B) Extra super voltage

33. 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) 410 kg
- C) 372 kg
- D) 525 kg

Answer: A) 312 kg

34. What is the term used for the method of calculating

various quantities and expenditure on a particular job or process?

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

Answer: D) Estimation

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

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

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

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

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

Answer: D) Information Table

37. Who prepares the cost of estimation?

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

Answer: A) Estimator
