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

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

2. Which hand book referred by machine engineer?

- A) Parry's cheorical
B) CRC
C) **Mark standard**
D) Oxford Dictionary (Incorrect)

3. What is a hand book?

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

4. 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 the last 10 years (Incorrect)
C) Standard schedule of rates of the average of last 5 years
D) **Standard schedule of rates of the current year**

5. What is an over estimate?

- A) **When an estimate is exceeded to actual estimate (Correct)**
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

6. What is a under estimate?

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

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

- A) **Estimation (Correct)**
B) Drawing
C) Specification
D) Plan

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

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

9. Which authority publishes schedule of rates?

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

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

- A) Price bank (Incorrect)
B) Price bunch
C) Price tag
D) **Price catalogue**

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

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

12. What is the use of engineering drawing?

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

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

- A) Hand tool
B) **Hand book (Correct)**
C) Good book
D) New book

14. Which one is related to estimation of work?

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

15. What is a total cost?

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

16. Who prepares the cost of estimation?

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

17. Which one is included in machining estimation sheet?

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

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

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

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

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

20. Which one is the most reliable estimate?

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

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

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

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

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

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

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

24. What cables are used for 132KV lines?

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

25. Which specification is other than general specification?

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

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

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

27. What is the relative permittivity of rubber?

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

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

- A) 1750 gram
C) 1975 gram
- B) 1875 gram**
D) 1785 gram (Incorrect)

29. 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 (Correct)**
- B) 372 kg
C) 410 kg
D) 525 kg

30. 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
C) Rs.112 (Correct)
- B) Rs.100
D) Rs.110

31. 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/-
C) Rs.572/-
- B) Rs.752/- (Correct)**
D) Rs.960/-

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?

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

33. 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. 2000
C) Rs. 3000
- B) Rs. 2400 (Correct)**
D) Rs. 1400

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)

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

35. 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/- (Correct)** B) Rs.250000/-
C) Rs.225000/- D) Rs.265000/-
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36. 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 (Correct)**
C) Rs.6,00,000 D) Rs.6,000,000
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37. 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 (Correct)**
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