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Sri Mahalingeswara ITI

Answer Key

Duration: 30 Mins

Total Marks: 37

Q.ID: ITISKILL2522P8

1. What is a total cost?

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

**Answer: C) Raw materials cost and machining cost**

2. Which hand book referred by machine engineer?

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

**Answer: B) Mark standard**

3. What cables are used for 132KV lines?

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

**Answer: A) Extra super voltage**

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

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

**Answer: A) 50 sq.mm**

5. 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**

6. 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.18700/-  
C) Rs.15000/-      D) Rs.17700/-

**Answer: D) Rs.17700/-**

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

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

**Answer: B) Specification of materials**

8. 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. 20 lakhs      B) Rs.10 lakhs  
C) Rs. 15 lakhs      D) Rs. 12 lakhs

**Answer: C) Rs. 15 lakhs**9. 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/cm<sup>3</sup>)?

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

**Answer: A) 312 kg**

10. Which authority publishes schedule of rates?

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

**Answer: D) Government department**

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

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

**Answer: A) Quantity, availability and transportation of materials**

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

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

**Answer: D) 1875 gram**

13. Which one is the most reliable estimate?

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

**Answer: B) Detailed estimate**

14. 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**

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

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

**Answer: B) Estimation**

**16.** 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**

**17.** What is the relative permittivity of rubber?

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

**Answer: A) Between 2 and 3**

**18.** Which one is related to estimation of work?

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

**Answer: C) Bill of material**

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

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

**Answer: A) 1.5 sq.mm**

**20.** 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.110
- D) Rs.100

**Answer: B) Rs.112**

**21.** 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.6,000,000
- D) Rs.6,00,000

**Answer: B) Rs.60,00,000**

**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.265000/-

B) Rs.225000/-

C) Rs.250000/-

D) Rs.275000/-

**Answer: D) Rs.275000/-**

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

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

**Answer: D) Price catalogue**

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

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

**Answer: C) IE Rules, 1956**

**25.** 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

**Answer: B) When an estimate is exceeded to actual estimate**

**26.** Which one is included in machining estimation sheet?

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

**Answer: A) Raw material cost**

**27.** What is a under estimate?

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

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

**28.** What is the use of engineering drawing?

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

**Answer: A) For estimation of material and execution of work**

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

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

**Answer: D) Sulphur**

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

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

**Answer: B) Hand book**

**31.** Who prepares the cost of estimation?

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

**Answer: A) Estimator**

**32.** Which specification is other than general specification?

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

**Answer: C) Detailed specification**

**33.** What is the other term used for reference table?

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

**Answer: C) Information Table**

**34.** 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.652/-
- D) Rs.960/-

**Answer: B) Rs.752/-**

**35.** What is a hand book?

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

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

**36.** What describes the detailed specification for the item of work?

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

**Answer: A) Quality, Quantity, Workmanship, Method of execution**

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

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

**Answer: B) Less than 5%**