

ITI Quiz - 01-May-2026

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Q. ID: ITISKILL3108KC

May 2026

Question Paper

Duration: 30 Mins

Total Marks: 37

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Student Name: _____ Roll No: _____

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

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

2. 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/-
C) Rs.16700/-
- B) Rs.17700/-
D) Rs.15000/-

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

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

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

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

5. 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) 1785 gram
D) 1875 gram

6. 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.110
C) Rs.102
- B) Rs.112
D) Rs.100

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

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

8. 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
B) Rs. 2400

C) Rs. 1400

D) Rs. 3000

9. What is a under estimate?

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

10. What is the use of engineering drawing?

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

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

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

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

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

13. What is a total cost?

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

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

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

15. 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.250000/-
- C) Rs.265000/-
- D) Rs.225000/-

16. 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

17. Which one is related to estimation of work?

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

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

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

19. 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

20. Who prepares the cost of estimation?

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

21. Which authority publishes schedule of rates?

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

22. What cables are used for 132KV lines?

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

23. Which specification is other than general specification?

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

24. Which one is the most reliable estimate?

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

25. 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

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

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

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

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

28. What is an over estimate?

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

29. What is a hand book?

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

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

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

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

32. 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

33. Which one is included in machining estimation sheet?

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

34. 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

35. 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.960/-

B) Rs.572/-

C) Rs.752/-

D) Rs.652/-

36. Which hand book referred by machine engineer?

A) Mark standard

B) CRC

C) Oxford Dictionary

D) Parry's cheorikal

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

A) 5 sq.mm

B) 1.5 sq.mm

C) 2.5 sq.mm

D) 3.5 sq.mm