

ITI Quiz - 22-Jun-2026

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Q. ID: ITISKILL3343JC

June 2026

Question Paper

Duration: 60 Mins

Total Marks: 37

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Student Name: _____ Roll No: _____

1. 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.30,000,000
- D) Rs.60,00,000

2. What is a total cost?

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

3. 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

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

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

5. What is the relative permittivity of rubber?

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

6. 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

7. Which one is related to estimation of work?

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

8. 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

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

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

10. 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, 1967
- D) IE Rules, 1960

11. Which one is the most reliable estimate?

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

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

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

13. 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.112
- B) Rs.102
- C) Rs.100
- D) Rs.110

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

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

15. 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
C) 440 W

B) 640 W
D) 340 W

16. What is the use of engineering drawing?

A) For estimation of material and execution of work
C) For reducing the cost

B) For increasing the cost
D) For colourful appearance

17. Which specification is other than general specification?

A) Detailed specification
C) Brief specification

B) Main specification
D) Bulk specification

18. 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/-
C) Rs.225000/-

B) Rs.275000/-
D) Rs.250000/-

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

A) Price catalogue
C) Price tag

B) Price bank
D) Price bunch

20. What is a hand book?

A) Dictionary of materials
C) Type of reference work or other collection of instruction

B) Model book of various works
D) Design book of latest works

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

A) Manganese
C) Phosphorus

B) Silicon
D) Sulphur

22. 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.752/-

B) Rs.572/-
D) Rs.960/-

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

A) Drawing
C) Estimation

B) Plan
D) Specification

24. Who prepares the cost of estimation?

A) Quality Inspector
B) Estimator

C) Draughts man

D) Operator

25. 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
C) Rs. 20 lakhs

B) Rs. 15 lakhs
D) Rs. 12 lakhs

26. What is an over estimate?

A) When an estimate is exceeded to actual estimate
C) When an estimate perfectly matches the actual estimate

B) No work started as per estimate
D) When an estimate is fell short of the actual estimate

27. What cables are used for 132KV lines?

A) Extra high tension
C) Super tension

B) High tension
D) Extra super voltage

28. Which hand book referred by machine engineer?

A) CRC
C) Mark standard

B) Parry's cheorical
D) Oxford Dictionary

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

A) Specification of materials
C) Raw materials

B) Price catalogue
D) Drawing

30. What is a under estimate?

A) No work started as per estimate
C) An estimate perfectly matches with actual

B) An estimate is exceeded the actual estimate
D) An estimate is fell short of the actual estimate

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

A) Dictionary
C) Bibliography

B) Biography
D) Information Table

32. 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.17700/-

B) Rs.15000/-
D) Rs.16700/-

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

A) Less than 5%
C) Less than 8%

B) Less than 20%
D) Less than 10%

34. Which authority publishes schedule of rates?

- A) Partnership firm
- C) Corporate

- B) Government department
- D) Individual

- A) Tax
- C) Advertisement cost

- B) Raw material cost
- D) Transport cost

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

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

36. Which one is included in machining estimation sheet?

37. 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
- C) Rs. 2000
- B) Rs. 2400
- D) Rs. 1400