ITI Quiz - 07-Feb-2026 01:52 PM

January 2026   **Trinity iti Udupi**   Answer Key

Duration: 60 Mins   Total Marks: 15   **Q.ID: ITISKILL2806PD**

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1. What is the ratio of 4 kg to 800 grams?

A) 08:04   B) 02:04
C) 04:08   D) 05:01

Answer: D) 05:01

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2. What percentage of 80 is 20?

A) 0.2   B) 0.4
C) 0.25   D) 0.8

Answer: C) 0.25

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3. What is the x value for $x^2 + 62 = 126$?

A) 4   B) 8
C) 6   D) 10

Answer: B) 8

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4. A motor cycle tyre is sold for Rs 300/- what is the purchase price if 25% profit is added to it.

A) Rs 200   B) Rs 240
C) Rs 260   D) Rs 220

Answer: B) Rs 240

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5. What is the square root of decimal number 550.37?

A) 22.26   B) 22.46
C) 21.26   D) 23.46

Answer: D) 23.46

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6. How many days a mechanic takes to assemble 64 machines if he assembles 8 machines in 3 days?

A) 20 days   B) 22 days
C) 24 days   D) 26 days

Answer: C) 24 days

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7. What is the definition of ratio?

A) Relation of two quantities of the same kind   B) Inequality between two ratios
C) Equality between two ratios   D) Relation of two quantities of the different kind

Answer: A) Relation of two quantities of the same kind

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8. What is the square root of 0.017?

A) 0.13   B) 0.000001
C) 0.00001   D) 0.001

Answer: A) 0.13

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9. What is the percentage of copper if the casting weight of copper 42.3 kg and tin weight 2.7 kg?

A) Cu 92%   B) Cu 98%
C) Cu 96%   D) Cu 94%

Answer: D) Cu 94%

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10. Convert 52% into fraction?

A) (9/25)   B) (11/25)
C) (13/25)   D) (17/25)

Answer: C) (13/25)

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11. Convert 0.456 decimal fraction into percentage?

A) 0.456   B) 0.0456
C) 45.6   D) 0.000456

Answer: C) 45.6

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12. What is the decimal fraction of conversion of 18.5%?

A) 0.175   B) 0.165
C) 0.195   D) 0.185

Answer: D) 0.185

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13. What will be the rpm of smaller gear if a 180 mm dia meshes with 60 mm dia gear and the bigger gear makes 60 rpm?

A) 160 rpm   B) 120 rpm
C) 180 rpm   D) 140 rpm

Answer: C) 180 rpm

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14. How much is 8% of 40 kg?

A) 4.2 kg   B) 2.2 kg
C) 5.2 kg   D) 3.2 kg

Answer: D) 3.2 kg

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15. What is the length L2, if total length (L) is 2.75 metre and L1:L2 = 2:3?

A) 1.25 metre   B) 1.1 metre
C) 1.75 metre   D) 1.65 metre

Answer: D) 1.65 metre