

Duration: 30 Mins

Total Marks: 15

ID: ITISKILL5132T7

Student Name: _____ Roll No: _____

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| <p>1. What is the ratio of 4 kg to 800 grams? A) 08:04 B) 04:08 C) 05:01 D) 02:04</p> <p>2. What is the x value for $x^2 + 62 = 126$? A) 10 B) 6 C) 8 D) 4</p> <p>3. What is the square root of 0.017? A) 0.13 B) 0.000001 C) 0.00001 D) 0.001</p> <p>4. What percentage of 80 is 20? A) 0.8 B) 0.4 C) 0.25 D) 0.2</p> <p>5. Convert 0.456 decimal fraction into percentage? A) 45.6 B) 0.456 C) 0.0456 D) 0.000456</p> <p>6. How much is 8% of 40 kg? A) 4.2 kg B) 2.2 kg C) 5.2 kg D) 3.2 kg</p> <p>7. How many days a mechanic takes to assemble 64 machines if he assembles 8 machines in 3 days? A) 26 days B) 22 days C) 24 days D) 20 days</p> <p>8. 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) 180 rpm B) 160 rpm</p> | <p style="text-align: right;">C) 120 rpm D) 140 rpm</p> <p>9. What is the square root of decimal number 550.37? A) 21.26 B) 23.46 C) 22.26 D) 22.46</p> <p>10. What is the percentage of copper if the casting weight of copper 42.3 kg and tin weight 2.7 kg? A) Cu 98% B) Cu 94% C) Cu 96% D) Cu 92%</p> <p>11. A motor cycle tyre is sold for Rs 300/- what is the purchase price if 25% profit is added to it. A) Rs 240 B) Rs 220 C) Rs 260 D) Rs 200</p> <p>12. What is the length L2, if total length (L) is 2.75 metre and L1:L2 = 2:3? A) 1.25 metre B) 1.65 metre C) 1.1 metre D) 1.75 metre</p> <p>13. Convert 52% into fraction? A) (17/25) B) (13/25) C) (11/25) D) (9/25)</p> <p>14. What is the definition of ratio? A) Inequality between two ratios B) Equality between two ratios C) Relation of two quantities of the different kind D) Relation of two quantities of the same kind</p> <p>15. What is the decimal fraction of conversion of 18.5%? A) 0.165 B) 0.185 C) 0.175 D) 0.195</p> |
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