

**Duration: 30 Mins**

**Total Marks: 14**

**ID: ITISKILL42006Q**

Student Name: _____	Roll No: _____
---------------------	----------------

**1. Divide  $(20/31)/(15/62)$**

- |             |             |
|-------------|-------------|
| A) $2(3/2)$ | B) $2(4/3)$ |
| C) $2(1/3)$ | D) $2(2/3)$ |

**2. Simplify:  $(17.49 \times 5.2)/(6.5)$**

- |          |          |
|----------|----------|
| A) 13.79 | B) 13.89 |
| C) 13.69 | D) 13.99 |

**3. Convert decimal 0.000659 to fraction?**

- |                   |                    |
|-------------------|--------------------|
| A) $(659/1000)$   | B) $(659/10000)$   |
| C) $(659/100000)$ | D) $(659/1000000)$ |

**4. What are the two classifications of system of units?**

- |  |                             |
|--|-----------------------------|
| A) British and Metric                  | B) Fundamental and derived  |
| C) Gravitational and non-gravitational | D) Metric and International |

**5. What are fundamental units?**

- |                             |                       |
|-----------------------------|-----------------------|
| A) Length, Pressure, Volume | B) Length, Mass, Time |
| C) Length, Mass, Volume     | D) Length, Mass, Area |

**6. What is the improper fraction for the given mixed fraction  $7 \times (3/7)$**

- |             |           |
|-------------|-----------|
| A) "28/7"   | B) "7/52" |
| C) $(52/7)$ | D) "7/28" |

**7. What is the LCM of 12, 18, 6, 36?**

- |       |       |
|-------|-------|
| A) 42 | B) 12 |
| C) 36 | D) 18 |

**8. How many millimetres are there in 1 inch?**

- |            |            |
|------------|------------|
| A) 25.4 mm | B) 2.54 mm |
| C) 24.5 mm | D) 2.45 mm |

**9. What is the HCF of 18, 42, 24?**

- |       |       |
|-------|-------|
| A) 2  | B) 18 |
| C) 24 | D) 6  |

**10. Simplify:  $(3/4) + (2/5) - (5/20)$**

- |              |              |
|--------------|--------------|
| A) $(12/10)$ | B) $(9/10)$  |
| C) $(3/10)$  | D) $(13/10)$ |

**11. What is the square root of 529?**

- |       |       |
|-------|-------|
| A) 12 | B) 33 |
| C) 23 | D) 43 |

**12. What is the length of each part is a copper wire of 225 metre long is cut into 900 equal parts?**

- |               |               |
|---------------|---------------|
| A) 0.25 metre | B) 0.29 metre |
| C) 0.23 metre | D) 0.28 metre |

**13. What is the product of  $0.003 \times 0.5$ ?**

- |           |            |
|-----------|------------|
| A) 0.015  | B) 0.00015 |
| C) 0.0015 | D) 0.15    |

**14. What denotes letter M in MKS system?**

- |               |          |
|---------------|----------|
| A) Millimeter | B) Meter |
| C) Micron     | D) Mile  |