

**Duration: 30 Mins**

**Total Marks: 14**

**ID: ITISKILL3544R5**

Student Name: \_\_\_\_\_ Roll No: \_\_\_\_\_

**1. Simplify:  $(\frac{3}{4})+(\frac{2}{5})-(\frac{5}{20})$**

- |                      |                      |
|----------------------|----------------------|
| A) $(\frac{12}{10})$ | B) $(\frac{9}{10})$  |
| C) $(\frac{3}{10})$  | D) $(\frac{13}{10})$ |

**2. What is the improper fraction for the given mixed fraction  $7\frac{3}{7}$**

- |                       |                       |
|-----------------------|-----------------------|
| A) " $\frac{7}{52}$ " | B) " $\frac{28}{7}$ " |
| C) $(\frac{52}{7})$   | D) " $\frac{7}{28}$ " |

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

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

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

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

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

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

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

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

**7. Simplify:  $(\frac{17.49 \times 5.2}{6.5})$**

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

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

- |                          |                            |
|--------------------------|----------------------------|
| A) $(\frac{659}{1000})$  | B) $(\frac{659}{1000000})$ |
| C) $(\frac{659}{10000})$ | D) $(\frac{659}{100000})$  |

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

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

**10. Divide  $(\frac{20}{31})/(\frac{15}{62})$**

- |                     |                     |
|---------------------|---------------------|
| A) $2(\frac{1}{3})$ | B) $2(\frac{2}{3})$ |
| C) $2(\frac{4}{3})$ | D) $2(\frac{3}{2})$ |

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

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

**12. What are fundamental units?**

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

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

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

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

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