**1 course. Unit 12. Numbers.** **Surname Name Group**

**Task 1. Engineering Trivia Quiz**

1. **What is the standard acceleration due to gravity on Earth in $m/s^2$?**
   A) 10.2 $m/s^2$
   B) 9.8 $m/s^2$
   C) 8.5 $m/s^2$

2. **What is the melting point of pure iron in Celsius?**
   A) 1,538°C
   B) 2,000°C
   C) 1,000°C

3. **What is the standard voltage of a USB device?**
   A) 5 volts
   B) 3 volts
   C) 9 volts

4. **What is the unit of electrical resistance?**
   A) Watt
   B) Ampere
   C) Ohm

5. **What is the standard atmospheric pressure at sea level in Pascals?**
   A) 102,000 Pa
   B) 100,000 Pa
   C) 101,325 Pa

6. **What is the density of water in kilograms per cubic meter at 4°C?**
   A) 1,000 $kg/m^3$
   B) 900 $kg/m^3$
   C) 1,100 $kg/m^3$

7. **What is the angle of a standard right triangle?**
   A) 90 degrees
   B) 120 degrees
   C) 60 degrees

8. **What is the standard operating voltage of a car battery?**
   A) 6 volts
   B) 12 volts
   C) 9 volts

9. **What is the height of the Eiffel Tower in meters?**
   A) 330 meters
   B) 300 meters

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C) 350 meters

10. **What is the boiling point of water in Kelvin?**
    A) 400 K
    B) 373 K
    C) 350 K

**Task 2. Match the words to get a meaningful collocation.**

| | |
|---|---|
| 1. rounding | a) point |
| 2. Scientific | b) error |
| 3. decimal | c) numbers |
| 4. Order of | d) notations |
| 5. leading | e) magnitude |
| 6. significant | f) zero |

**Task 3. Fill in the gaps with the appropriate collocation.**

1. "We use _____ in engineering to easily write very large or small numbers."
2. "It's important to place the _____ correctly when measuring small parts."
3. "In computer programming, a _____ helps keep numbers in the correct format."
4. "The _____ shows how much bigger one value is compared to another."
5. "Rounding errors can affect the accuracy of measurements in engineering calculations."
6. "When measuring materials, engineers use _____ to ensure precision."

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