

Duration: 30 Mins

Total Marks: 9

ID: ITISKILL8220NU

Student Name: _____	Roll No: _____
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1. What is the value of 625^0 ?

- A) 1 B) 0
C) 25 D) 525

2. What is the circumference of a circle whose diameter is 7 cm?

- A) 25 cm B) 22 cm
C) 21 cm D) 44 cm

3. What is the diameter of the circle, if the area of the circle is 78.5cm^2 ?

- A) 5.5 cm B) 10 cm
C) 5 cm D) 15 cm

4. Which machine converts mechanical energy into electrical energy?

- A) Heater B) Battery
C) Generator D) Iron box

5. What is the radius of the circle, whose circumference is 440 cm?

- A) 70.5 cm B) 72.2 cm

C) 71.5 cm

D) 70 cm

6. What is the voltage? $R = 250$ Ohms $I = 0.44$ Amps $V =$ ____ Volts

- A) 100 Volts B) 110 Volts
C) 108 Volts D) 105 Volts

7. What is the subtracted value of $3x - 4x^2 + 2y^2$ from $4y^2 - 2x + 8x^2$?

- A) $(-2y^2 - 5x + 12x^2)$ B) $2y^2 + 5x - 12x^2$
C) $2y^2 - 5x - 12x^2$ D) $2y^2 - 5x + 12x^2$

8. What is the radius of a circle whose diameter is 44 cm?

- A) 44 cm B) 23 cm
C) 20 cm D) 22 cm

9. What is the value of $1/a^{-5}$?

- A) a^5 B) $(-5a)$
C) $5a$ D) a^{-5}