

Duration: 60 Mins

Total Marks: 6

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1. Which force acts on rivets?

- A) Bending force B) Tensile force
C) Shear force D) Compressive force

Answer: C) Shear force

2. What is the length of arc of a sector, whose perimeter is 64.8cm and radius is 12.4 cm?

- A) 45 cm B) 40 cm
C) 40.8 cm D) 42 cm

Answer: B) 40 cm

3. Which is same in series connection of resistors in a circuit?

- A) Resistance B) Voltage
C) Power D) Current

Answer: D) Current

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

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

Answer: B) 22 cm

5. What is the freezing point of water in kelvin scale (K)?

- A) 303 Degree K B) 273 Degree K
C) 313 Degree K D) 373 Degree K

Answer: B) 273 Degree K

6. Which is mineral insulator

- A) Quartz B) Mica
C) Porcelain D) Glass

Answer: B) Mica