

# **TRB Physics Previous Year Model Question Paper Pdf**

Question: 1

Core of transformer is made up of

- (A) soft iron
- (B) aluminium
- (C) steel
- (D) copper

Ans: A

soft iron

Question: 2

The sound produced by a bat is

- (A) audible
- (B) subsonic
- (C) infrasonic
- (D) ultrasonic

Ans: D

ultrasonic

Question: 3

The mirror used by a dentist to examine the teeth of patients is

- (A) Convex

- (B) Concave
- (C) Plane
- (D) Cylindrical

Ans: B

Concave

Question: 3

## Who invented the laser?

- (A) Sir Frank Whittle
- (B) Charles H. Townes
- (C) Fred Morrisson
- (D) Seymour Cray

Ans: B

Charles H. Townes

Question: 4

## Lumen is the unit of

- (A) Luminous flux
- (B) Luminous intensity
- (C) Both
- (D) None of these

Ans: A

Luminous flux

Question: 5

The charge of an electron (in Coulombs) is

- (A)  $1.206 \times 10^{-19}$  kg
- (B)  $1.602 \times 10^{19}$  kg
- (C)  $1.062 \times 10^{-19}$  kg
- (D)  $1.602 \times 10^{-19}$  kg

Ans: D

$1.602 \times 10^{-19}$  kg

Question: 6

The least count of a metre scale is

- (A) 1 m
- (B) 1 cm
- (C) 1 mm
- (D) 0.01 mm

Ans: C

1 mm

Question: 7

The substances appearing at the cathode are said to be

- (A) electropositive
- (B) neutral
- (C) positive
- (D) electronegative

Ans: A

electropositive

Question: 8

The rotational speed of the earth at equator is

- (A)  $24 \text{ ms}^{-1}$
- (B)  $340 \text{ ms}^{-1}$
- (C)  $465 \text{ ms}^{-1}$
- (D)  $1674 \text{ ms}^{-1}$

Ans: C

$465 \text{ ms}^{-1}$

Question: 9

Pyrometer is used to measure

- (A) Air pressure
- (B) High temperature
- (C) Intensity of earthquake
- (D) Humidity

Ans: B

High temperature

Question: 10

Nichrome wire is used as the heating element because it has

- (A) Low specific resistance

- (B) Low melting point
- (C) High conductivity
- (D) High specific resistance

Ans: D

High specific resistance