

NEET Physics Answer Key 2024

1. Which of the following can be explained on the basis of Mendel's Law of Dominance?

Ans: Option A

2. The pair of Lanthonic ions which are diamagnetic is?

Ans: Option D

3. Choose the correct statement given below regarding juxta medullary nephron?

Ans: Option B

4. Choose the correct circuit which can achieve the bridge balance?

Ans: Option D

5. In a uniform magnetic field of 0.049 T, a magnetic needle performs 20 complete oscillations in 5 seconds as shown. The moment of inertia of the needle is 9.8×10^{-6} kg If the magnitude of magnetic moment of the Fale is $x \times 10^{-4}$ Am then the value of x is?

Ans Option A

6. A small telescope has an objective of focal length 140 cm and an eye piece of focal length 5.0 cm. The magnifying power of a telescope for viewing a distant object is?

Ans: Option D

7. An iron bar of length L has magnetic moment M . It is bent at the middle of its length such that the two arms make an angle 60° with each other. The magnetic moment of this new magnet is?

Ans: Option A

8. The terminal voltage of the battery, whose emf is 10V and internal resistance $r = 2\Omega$, when connected through an external resistance of 4Ω as shown in the figure is?

Ans Option C

9. A particle moving with uniform speed in a circular path, then identify the path it maintains?

Ans Option C

10. A light ray enters through a right angled prism at point P with the angle of incidence 30° as shown in figure. It travels through the prism parallel to its base BC and emerges along the face AC. The refractive index of the prism is?

Ans Option A