Physics ICS Part 1 Chapter 10 Online Test

Sr	Questions	Answers Choice
1	The magnifying power of an astronomical telescope is 10. If the focal length of objective is 100 cm, then what is the focal length of eye piece.	A. 10 cm B. 100 cm C. 1000 cm D. 5 cm
2	the final image obtained by astronomical telescope is.	A. Erect B. Virtual C. Magnified D. All of these
3	If focal length of objective and eye piece is 0.5 m and 10 cm respectively then magnifying power of telescope will be.	A. 0.5 B. 5 C. 10 D. 20
4	The final image seen through ey piece in telescope is.	A. Real, enlarge and inverted B. Vertual, enlarge and erect C. Virtual, enlarge and inverted D. In Real, enlarge and erect
5	If an object lies at focus point F in front of a converd lens, its image is formed at.	A. 2F B. F C. 3F D. Infinity
6	A convex lens acts as diverging lens if the object is placed at	A. F B. 2F C. Between F and 2 F D. Within the F
7	If an object is placed with in the focal length of a convex lens, its image is formed.	A. Real B. Inverted C. Virtual D. Smaller than object
8	The final image formed by a simple microscope.	A. Virtual and inverted B. Real and erected C. Virtual and erected D. Real and inverted
9	If the object is at 5 cm from the lens of simple microscope than its magnifying power will be.	A. 5 B. 10 C. 15 D. 25
10	In an object is placed in between focus point and Opticla center of a convex lens, the image formed by lens is.	A. Real inverted B. Virtual diminshed C. Virtual inverted D. Virtual erected
11	If a convex lens is used as a magnifying glass, whcih lens will give higher magnification that has.	A. Short size B. Long focal length C. Large size D. Short focal length
12	The focal length of convex lens	A. Negative B. Positive C. small D. Large
13	The magnifying power of a convex lens of focal lendth 10 cm is	A. 7 B. 9.6 C. 11 D. 3.5
14	The magnification of a convex lens of focal length 5 cm is equal to.	A. 5 B. 6 C. 10 D. 23
15	The units of magnifying power of microscope or telescope are.	A. Metre B. m⁻¹ C. dioptre D. No unit

16	The ability of reveal the minor details of an object under examination is called.	A. Resolving power B. Magnification C. Scattering D. Reflection
17	The least distance of distinct vision for the normal eye is.	A. 15 cm B. 25 cm C. 125 cm D. 25 m