

PPSC Physics Chapter 4 Geometrical Optics

Sr	Questions	Answers Choice
1	Persistence of vision is the phenomenon of the eye by which an afterimage is thought to persist for approximately one twenty faith of a second on the.	A. Retina B. Heart C. Mind D. Liver
2	Which parameter determines the brightness of a light source sensed by an eye.	A. Light energy entering the eye B. Wavelength of light C. Total radiant flux entering the eye D. Total luminous flux entering the eye
3	What is the type of corrective lens used to correct or enhance the vision is only one eye.	A. Axicon B. Monocle C. Zoom lens D. Camera lens
4	Which eye defect can be rectified by using diverging lens.	A. Near sightedness B. Far sightedness C. presbyopal D. Astigmatism
5	Which type of microscope was the first to be developed.	A. Optical microscope B. Digital microscope C. Electron microscope D. All were developed at the same time
6	Which is the branch of medicine that deals with the anatomy physiology and diseases of the eye.	A. Ophthalmology B. Psychology C. Andrology D. Gynecology
7	Which is the health care profession concerned with eyes as well as vision visual system and vision information processing in humans.	A. Optometry B. Ophthalmology C. Telemetry D. Psychology
8	What is the refractive power of cornea in humans.	A. 13 dioptres B. 23 diaoptres C. 33 dioptres D. 43 dioptres
9	Which was the transparent front part of the eye that covers the pupil, iris and interior chamber.	A. Cornea B. Fovea C. Sclera D. Choroid
10	Which part of hole located in the centre of the eye that allows light to enter the retina.	A. Iris B. Pupil C. Cornea D. Fovea
11	Which is the thick circular structure in teh eye containing an aperture with variable diameter It controls the amount of light reaching the retina.	A. Retina B. Iris C. Pupil D. Cornea
12	Eye colour is the colour of	A. Iris B. Retina C. Comea D. Pupil
13	Which is the light sensitive tissue in human eye	A. Retina B. pupil C. Iris D. Cornea
14	A young man wearing glasses does not require bifocals because he	A. Is farsighted B. Has the ability to accommodate C. Is short signed D. Does not suffer from coma
		A. Contraction of eyeball B. Increases in focal length of eye lens

15	Short sightedness in the eye occurs due to the.	C. Reduction in focal length of eye lens D. Reduction in distance between retina and eye lens
16	Which of the following does not produced an erect image.	A. Galilean telescope B. Terrestrial telescope C. Prism binoculars D. Astronomical telescope
17	The image of distant object as seen through as astronomical telescope is.	A. Real and inverted B. Virtual and inverted C. Real and erect D. Virtual and erect
18	The ability of eye to focus near as well as distant object is termed as.	A. Myopia B. Persistence of vision C. Power of accommodation D. Astigmatism
19	Which of the following is used as a remedy for defect of hypermetropia.	A. Convex lens B. Concave lens C. Cylindrical lens D. Bifocal length lens
20	A pencil dipped partially into water appears bent because of.	A. Reflection of water surface B. Diffraction of water surface C. Refraction of water surface D. Water is a fluid