

Physics Fsc Part 1 Chapter 9 Online Test

Sr	Questions	Answers Choice
1	Angle between ray of light and wave front is	A. 0 B. 60 C. 90 D. 120
2	The light energy travels in space as waves was firstly proposed by	A. Maxwell B. Young C. Einsten D. Hydrogen
3	Soap film is sunlight appears coloured due to.	A. Dispersion of light B. Diffraction of light C. Scattering of light D. Interference fo light
4	According to Huygen's principle the points on primary wave front can be considered as	A. Secondary wavelets B. Ray of light C. Source of light D. None of these
5	Interplaner distance can be determined by	A. Newton's rings B. Bragg's law C. Diffraction pattern D. Interferometer
6	The Bragg's equation is given by	
7	The property of bending of light around obstacles is	A. Interference B. Diffraction C. Polarization D. Superposition
8	In young's double slit experiment for the interference the central region will be	A. Dark B. Bright C. Coloured D. None of these
9	Standard metal according to Michelson's interferometer is equivalent to	A. 1553163.5 wave meter B. 3 x 108meter C. 15503000 meter D. None of these
10	The centre of Newton's rings will be	A. Dark B. Bright C. Coloured D. Not visible
11	Dark fringes are also called as	A. Minima B. Maxima C. Wave front D. Ray of light
12	Bright fringes are also called as	A. Minima B. Maxima C. Wave front D. Ray of light
13	Oil film floating on water exhibits colours due to	A. Interference B. Diffraction C. Polarization D. All of these
14	The distance between two consecutive wave front is equal to	A. One wave length B. Two wave length C. Half wave length D. Three wave length
15	A ray of light is a line	A. Parallel to wave front B. Normal to wave front C. Anti-parallel to wave D. Any one of these
16	In case of point source the shape of wave front is	A. Circular B. Spherical C. Elliptical

D. Square

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Light waves emitted from a source spread in

A. Specific direction

B. All direction

C. Upward direction

D. None of these