Physics ICS Part 1 Chapter 10 Online Test

Sr	Questions	Answers Choice
1	Using a graded Index fibre, the time difference is reduced to about.	A. 1 ns per km B. 33 ns per 100 km C. 33 ns per km D. 1 ns per 100 km
2	__ will travel faster than other through an optical fibre.	A. Ultraviolet light B. Visible light C. Infrared light D. White light
3	Reapters are placed in new system at distance of.	A. 30 km B. 50 km C. 80 km D. 100 km
4	The light emitted from light emitting diode has wave length.	A. 1.1 micro meter B. 1.3 micro meter C. 1.5 micro meter D. 1.7 micro meter
5	The light signal in Opticla fiber must be regenerated by advice called.	A. Regenerator B. Generator C. Repeater D. Diode
6	Multimode graded index fibre has a core whose diameter range lie from.	A. 5 to 50 micro meter B. 50 to 100 micro meter C. 40 to 1000 micro meter D. 50 to 10,000 micrometer
7	Multimode step index fiber is useful for.	A. Long distance B. Sort distance C. Very long distance D. Infinite distance
8	The optical fiber is covered for protection by a	A. Glass Jacket B. Plastic Jacket C. Copper Jacket D. Aluminum Jacket
9	Critical angle is that angle of incident ofr which angle of refraction is.	A. 90 ^o B. 45 ^o C. 42 ^o D. 24 ^o
10	A layer over the central core of the jacke is called.	A. Jacket B. Plastic C. Cladding D. Rubber
11	Information carrying capacity of optical fibre called.	A. Capacity B. Band width C. Immunity D. Ability
12	Critical angle is that incident angle in denser medium for which angle of refraction is.	A. 0 ^o B. 45 ^o C. 90 ^o D. 120 ^o
13	The first person who attempted to measure the speed of light was.	A. Michelson B. Hygen's C. Galileo D. Ability
14	The Detector in Photo phone is made up of.	A. Cadmium B. Germanium C. Selenium D. Silicon
15	In Michelson's experiment the relation used to find the speed of light is	A. 16 fc B. 1/16 fd C. 16 fd D. 16/fd

16	Which is not the essential component of a spectrometer.	A. Collimator B. Telescope C. Turntable D. Microscope
17	For normal adjustment what is the length of astronomical telescope if focal lengths of astronomical telescope if focal lengths of objective and eye piece are 100 cm 20 cm respectively.	A. 10 cm B. 20 cm C. 5 cm D. 120 cm