

Physics Fsc Part 1 Full Book Online Test

Sr	Questions	Answers Choice
1	Value of K depends upon	A. System of unit B. Nature of medium C. Botha a and b D. None
2	If air is replaced by any other dielectic medium the fore of attraction or repulsion between two charges.	A. Decreases B. Increases C. Vanishes D. Remain same
3	The redius of curvature of the path of a charged particle in a uniform magnetic field is directly proportiional to.	A. The particle's charge B. The particle's momentum C. The partcl's energy D. The flux density of the field
4	The algebraic sum of potential chagnes for a complete circuit is zero it is the statement of.	A. Ohm's law B. Gausss'slaw C. Kirchhoff's second law D. Kirhhoff's first law
5	The current through a conductor is 3.0 a when it is attached across a pontntial difference of 6.0 V. How much power is used.	A. 18 W B. 0.5 W C. 0.2 W D. 0.9 W
6	Two pont charges A and B are separated by 10 m. If the distance between tehm is reduced to 5 m. the force exerted on each.	A. Decrease to half its original value B. Increase to twice the original value C. Increase four times to its original value D. Decreases to one quarer of its original value
7	Bending of light around the edges of an obstacle is called.	A. Refraction B. Polarization C. Diffraction D. Interference
8	Optically acgive crystals are	A. Quartz B. Sodium Chlorate C. Sodium Chlorade D. Botha a and b
9	An unpolarized beam of gtransverse wave is that whose vibrations.	A. Are confined to a single plane B. Takes place in direction perpendicular to their direction of propogation C. Takes place in all direction D. Take place in directio paralle to the direction of propogation
10	To distinguish between transverse and longitudinal waeis used.	A. Polarization B. Refraction C. Interference D. Diffraction
11	The process of confining the beam of light to vibrate in one plane is called.	A. Interference B. Diffraction C. Polarizaion D. Total internet refelection&nbs
12	Polarized sun glasses decrease glare on sunny day because they.	A. Completely absorb the light B. Have a special colour C. Refract the light D. Block a portion of light
		A. Water

13	We van polarize the light by passing it through.	C. Glass D. Prism
14	Light can be polarized by	A. Selective absorption B. Reflection C. Scattering D. All of these
15	A polaroid is.	A. A device used in polarimeter B. A light filter C. A device used to analyze polarized light D. All of these
16	Polarizatio of light shows taht light is	A. Corpuscular in nature B. Of extremely shrot waves C. Longitudinal waves D. Transverse waves
17	Which of the following rays cannot be polarized.	A. Sound Waves B. Light Waves C. X- Rays D. Infrated rays