

Science and Technology

Sr	Questions	Answers Choice
1	Laser is used to produce three -Dimensional image called.	A. Holograms B. Holography C. Lithotripsy D. Radioactive elements
2	The Phenomenon of emission of radiations from radioactive elements is called:	A. Doping B. Allotropy C. Radioactivity D. Induction
3	The charge on alpha particle is:	A. 1 B. 2 C. 4 D. 6
4	The principle of light on which the fibre optics works is.	A. Reflection B. Refraction C. Total internal reflection D. Dispersion
5	The number of hydrogen isotopes;	A. 3 B. 2 C. 8 D. 10
6	The mass of Beta particle:	A. 0 B. 4 C. 2 D. 1
7	Emission of radiations from nucleus is said to be	A. Chemical reaction B. Atomic reaction C. Radioactivity D. Nuclear fission
8	----- lasers are presently used for operating cataract and glaucoma.	A. Argon B. Neon C. Helium D. Hydrogen
9	Phosphorous.... and sulphur 35 are employed on living system to trace metabolic path.	A. 31 B. 30 C. 38 D. 32
10	----- rays are used to detect the flaws and cracks of metal parts.	A. a -rays B. gamma rays C. beta rays D. None of these
11	If we increase angle of incidence then at a particular angle of incidence the angle of refraction is.	A. 45° B. 60° C. 30° D. 90°
12	Radioactivity occurs naturally from all the elements with atomic number greater than.	A. 62 B. 72 C. 80 D. 82
13	The light of laser is:	A. monochromatic B. dichromatic C. trichromatic D. Tetrachromatic
14	In Henry Becquerel discovered.	A. 1895 B. 1886 C. 1896 D. 1898
15	Bagasse is used as in.	A. Sugar mills B. Cattle feeds C. Alcohol D. Cotton textile

16	Which of the following is a natural fiber:	A. Teflon B. Cotton C. Acrylic D. Nylon
17	Laser surgery is of special importance in	A. heart operation B. kidney operation C. liver operation D. cancer operation
18	Which radiation have zero mass number	A. Alpha radiation B. Beta radiation C. Gamma radiation D. None of these
19	Recording of electrical activity of brain is said to be:	A. ultrasound B. MRI C. E.E.G D. E.C.G
20	Which type of rays are used in the solar system fitted on ships and submarines to find the hidden secrets under water:	A. x - rays B. C.T Scan C. Ultrasound D. Light