

Science and Technology

Sr	Questions	Answers Choice
1	the test that measures the electrical activity of the heart:	A. E.C.G (Electrocardiogram) B. E.E.G (Electroencephalography) C. M.R.I (Magnetic resonance imaging) D. Angiography
2	Laser surgery is of special importance in	A. heart operation B. kidney operation C. liver operation D. cancer operation
3	----- lasers are presently used for operating cataract and glaucoma.	A. Argon B. Neon C. Helium D. Hydrogen
4	The charge on alpha particle is:	A. 1 B. 2 C. 4 D. 6
5	Element having atomic number greater than..... go on emitting radiations.	A. 80 B. 92 C. 82 D. 83
6	In Henry Becquerel discovered.	A. 1895 B. 1886 C. 1896 D. 1898
7	Who discovered radioactivity?	A. Einstein B. Newton C. J.J. Thomson D. Henry Becquerel
8	Emission of radiations from nucleus is said to be	A. Chemical reaction B. Atomic reaction C. Radioactivity D. Nuclear fission
9	In engineering department besides heavy machinery the role of industry is exemplary.	A. Cottage B. Steel C. Electrical D. Paper
10	Frequency of ultrasound is.	A. Less than 20 Hz B. 20 KHz C. 30 KHz D. More than 20 kHz
11	The principle of light on which the fibre optics works is.	A. Reflection B. Refraction C. Total internal reflection D. Dispersion
12	----- rays are used to detect the flaws and cracks of metal parts.	A. alpha rays B. gamma rays C. beta rays D. None of these
13	Laser is used to produce three -Dimensional image called.	A. Holograms B. Holography C. Lithotripsy D. Radioactive elements
14	Recording of electrical activity of brain is said to be:	A. ultrasound B. MRI C. E.E.G D. E.C.G
15	Phosphorus.... and sulphur 35 are employed on living system to trace metabolic path.	A. 31 B. 30 C. 38 D. 32

16	The mass of Beta particle:	A. 0 B. 4 C. 2 D. 1
17	The process of manufacturing food in plants;	A. Respiration B. Digestion C. Fermentation D. Photosynthesis
18	Bagasse is used as in.	A. Sugar mills B. Cattle feeds C. Alcohol D. Cotton textile
19	When a ray of light passes from a denser to a rare medium it;	A. bends away from the normal to the interface B. bends towards the normal C. does not bend D. none of the above
20	Radioactivity occurs naturally from all the elements with atomic number greater than.	A. 62 B. 72 C. 80 D. 82