

## Science and Technology

Sr	Questions	Answers Choice
1	The principal of light on which the fibre optics works is.	A. Reflection B. Refraction C. Total internal reflection D. Dispersion
2	Emission of radiations from nucleus is said to be	A. Chemical reaction B. Atomic reaction C. Radioactivity D. Nuclear fission
3	Element having atomic number greater than..... go on emitting radiations.	A. 80 B. 92 C. 82 D. 83
4	Who discovered radioactivity?	A. Einstein B. Newton C. J.J. Thomson D. Henry Becquerel
5	The process of manufacturing food in plants;	A. Respiration B. Digestion C. Fermentation D. Photosynthesis
6	Recording of electrical activity of brain is said to be:	A. ultrasound B. MRI C. E.E.G D. E.C.G
7	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
8	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
9	The Phenomenon of emission of radiations from radioactive elements is called:	A. Doping B. Allotropy C. Radioactivity D. Induction
10	The mass of Beta particle:	A. 0 B. 4 C. 2 D. 1
11	Phosphorus.... and sulphur 35 are employed on living system to trace metabolic path.	A. 31 B. 30 C. 38 D. 32
12	The number of hydrogen isotopes;	A. 3 B. 2 C. 8 D. 10
13	Laser surgery is of special importance in	A. heart operation B. kidney operation C. liver operation D. cancer operation
14	The rays which are liberated from metal due to collision of fast moving electrons:	A. Alpha rays B. Beta rays C. Gamma rays D. x - rays
15	During the preparation of the juice of sugarcane is heated from:	A. 100°C to 110°C B. 100° to 120° C. 100°C to 130°C D. ....

		D. 100°C to 140°C&nbsp;
16	In ..... henry Bequeral discovered.	A. 1895 B. 1886 C. 1896 D. 1898
17	If we increasing angle of incidence then at a particular angle incidence the angel of refraction is.	A. 45 <sup>o</sup> B. 60 <sup>o</sup> C. 30 <sup>o</sup> D. 90 <sup>o</sup>
18	Frequency of ultrasound is.	A. Less than 20 Hz B. 20 KHz C. 30 KHz D. More than 20 khn
19	Bagasse is used as in.	A. Sugar mills B. Cattle feeds C. Alcohol D. Cotton textile
20	----- rays are used to detect the flaws and crocks of metal parts.	A. a -rays B. gama rays C. beta rays D. None of these