Science and Technology

Sr	Questions	Answers Choice
1	Which of the following is a natural fiber:	A. Teflon B. Cotton C. Acrylic D. Nylon
2	Radioactivity occurs naturally from all the elecments with atomic number greater than.	A. 62 B. 72 C. 80 D. 82
3	Bagasse is used as in.	A. Sugar mills B. Cattle feeds C. Alcohol D. Cotton textile
4	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. 100°C to 140°C
5	Laser is used toproduce three -Dimensional image called.	A. Holograms B. Holography C. Lithotropsy D. Radioactive elements
6	The light of laser is:	A. monochromatic B. dichromatic C. trichromatic D. Tetrachrmatic
7	When a ray of light passes from a denser to a rare medium it;	A. bends away form the normal to the interface B. bends towards the normal C. does no bend D. non of the above
8	---------- lasers are presently used for operating cataract and glaucoma.	A. Argon B. Neon C. Helium D. Hydrogen
9	Frequency of ultrasound is.	A. Less than 20 Hz B. 20 KHz C. 30 KHz D. More than 20 khn
10	The principal of light on whihc the fibre optics works is.	A. Reflection B. Refraction C. Total internal reflection D. Dispersion
11	The Phenomenon of emission of radiations from radioactive elements is called:	A. Doping B. Allotropy C. Radioactivity D. Induction
12	Laser surgery is of special importance in	A. heart operation B. kidney operation C. liver operation D. cancer operation
13	The number of hydrogen isotopes;	A. 3 B. 2 C. 8 D. 10
14	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
15	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
16	What discovered radioactivity?	A. Einstein B. Newton C. J.J. Thomson D. Henry Becquerel
17	Element having atomic numebr greater than..... go on emitting radiations.	A. 80 B. 92 C. 82 D. 83
18	The mass of Beta particle:	A. 0 B. 4 C. 2 D. 1
19	If we increasing angle of incidence then at a particular angle incidence the angel of refraction is.	A. 45 ^o B. 60 ^o C. 30 ^o D. 90 ^o
20	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