

## Science and Technology

Sr	Questions	Answers Choice
1	The number of hydrogen isotopes;	A. 3 B. 2 C. 8 D. 10
2	Frequency of ultrasound is.	A. Less than 20 Hz B. 20 KHz C. 30 KHz D. More than 20 khz
3	Emission of radiations from nucleus is said to be	A. Chemical reaction B. Atomic reaction C. Radioactivity D. Nuclear fission
4	Phosphorous.... and sulphur 35 are employed on living system to trace metabolic path.	A. 31 B. 30 C. 38 D. 32
5	In engineering department besides heavy machinery the role of ..... industry is exemplary.	A. Cottage B. Steel C. Electrical D. Paper
6	Bagasse is used as in.	A. Sugar mills B. Cattle feeds C. Alcohol D. Cotton textile
7	The process of manufacturing food in pants;	A. Respiration; B. Digestion; C. Fermentation; D. Photosynthesis;
8	----- lasers are presently used for operating cataract and glaucoma.	A. Argon B. Neon C. Helium D. Hydrogen
9	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
10	If we increasing angle of incidence then at a particular angle incidence the angel of refraction is.	A. $45^\circ$ B. $60^\circ$ C. $30^\circ$ D. $90^\circ$
11	Recording of electrical activity of brain is said to be:	A. ultrasound B. MRI C. E.E.G D. E.C.G
12	The principal of light on which the fibre optics works is.	A. Reflection B. Refraction C. Total internal reflection D. Dispersion
13	During the preparation of the juice of sugarcane is heated from:	A. $100^\circ\text{C}$ to $110^\circ\text{C}$ B. $100^\circ$ to $120^\circ$ C. $100^\circ\text{C}$ to $130^\circ\text{C}$ D. $100^\circ\text{C}$ to $140^\circ\text{C}$
14	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
15	The light of laser is:	A. monochromatic; B. dichromatic; C. trichromatic; D. tetrachromatic

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16	The charge on alpha particle is:	A. 1 B. 2 C. 4 D. 6
17	Laser is used to produce three -Dimensional image called.	A. Holograms B. Holography C. Lithotropy D. Radioactive elements
18	What discovered radioactivity?	A. Einstein B. Newton C. J.J. Thomson D. Henry Becquerel
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 no bend D. none of the above
20	Which radiation has zero mass number	A. Alpha radiation B. Beta radiation C. Gamma radiation D. None of these

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