

PPSC Physics Mcq's For Full Book

Qr.	Questions	Anguara Chaica
Sr	Questions	Answers Choice
1	In a series resonant circuit, the current at resonance is.	A. Maximum B. Minimum C. Zero D. Sometimes maximum and sometimes minimum
2	Who explained Browian movement quantitatively.	A. Issac Newton B. albert Einstein C. James Maxewll D. Robert Brown
3	A spring of force constant k is out into three equal pats. The force constant of earth part will b e.	A. k B. 3 k C. k/3 D. k/2
4	Radioactive decay series can be represents on	A. Smith chart B. Segre chart C. Logarithmic chart D. Carbon paper
5	An AND gate is.	A. Equivalent to a series switching circuit. B. Equivalent to a parallel switching circuit C. Equivalent of universal gate D. A reciprocal of NAND gate
6	The process by which nuclei emit a ,b and gama rays in order to attain stability is called.	A. Radioactive disintegration B. Radio activity C. B decay D. Radioactive transmulation
7	Which of the following devices can be used to produce both transvers and longitudinal waves.	A. A string B. A ripple tank C. a helical spring D. A turning fork
8	In a compound microscope objective lens acts as a projector and eye place as a	A. Compensator B. Erecting lens C. Simple microscope lens D. Turntable
9	The average K.E. of the molecules of an ideal gas in a closed rigid container is increased by a factor of 4 What happen to the pressure of the gas.	A. It remains the same B. It increases by a factor of 2 C. It increases by a factor of 4 D. It increases by a factor of 8
10	The normal adjustment the magnifying power of an astronomical telescope is.	A. fe/fo B. fo/fe C. fo+ fe D. fo -fe
11	Electrical energy is transmitted at high alternating voltages which of the following is not a valid reason for doing this.	A. At high voltage a.c is safer than d.c. B. For a given powers, there is lower current with higher voltage. C. There is a smaller energy loss at high voltage and lower current D. The transmission lines can be thinner with a lower current.
12	The radius of first Bohr's orbit for hydrogen atom is.	A. 0.53 m B. 0.53 nm C. 0.053 nm D. 0.53 mm
13	A mason of 9.8 N weight is climbing on a 20 m high ladder The P.E. of mason at the middle of ladder is.	A. 98 J B. 196 J C. 960.4 J D. 980 J
14	A unijunction transistor	A. Has only one junction B. Is a two terminal device C. Is fabricated from germanium

		D. Is tabricated tromuranium
5	An object moves 5.0 m north and then 3.0 m south . Find both the distance travelled and the magnitude of the displacement vector.	A. 2.0 m, 8.0 m B. 8.0 m, 2.0 m C. 8.0 m, 8.0 m D. 2.0 m, 2.0 m
6	A point source of light is situated at large distance The nature of the wave front at the point will be.	A. Cylindrical B. Spherical C. Plane D. Ellipical
17	Which force pushes up a body in fluid	A. Thrust B. Lift C. buoyant D. Pressure
18	Which is the thick circular structure in teh eye containing an aperture with variable diameter It controls the amount of light reaching the retina.	A. Retina B. Iris C. Pupil D. Cornea
19	Which current can pass through a capacitor continuously.	A. Alternating current B. Direct current C. Eddy current D. Pulsating current
20	The transition of inner shell electrons in heavy atoms gives rise to the emission of.	A. Low energy b-particle B. High energy b-particle C. High energy X- rays D. High energy gama rays