

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	An alternating current can be produced by	A. Turbine B. Electric motor C. Generator D. Trnasormer
2	The dispersive power of a grating is	A. Light used B. Separation of lines C. Frequency of light used D. Independent of wavelength
3	Restoring force in the SHM is	A. Centripetal B. Frictional C. Conservative D. Non conservative
4	Alpha particles emitted from a radioactive material are.	A. He nuclei B. H -nuclei C. Li nuclei D. B nuclei
5	What is the smallest total resistance using only a 6 ohm and 12 ohm resistors.	A. 2 Ohm B. 3 Ohm C. 4 Ohm D. 6 Ohm
6	The buoyancy depends upon the	A. Depth to which the body is immersed B. Shape of the body C. Mass of the body D. Mass of the liquid displaced
7	The dimensions of strain are.	A. [MLT-2] B. [ML-1T-2] C. [ML-2T-3] D. It is a dimensionless quantity
8	The practical efficiency of a heat engine is	A. 25% to 30.5 % B. 35% to 45% C. 30% to 45% D. 15% to 25%
9	A capacitor of capacitance F micro is fully charged from a 20 V d.c supply what is the energy delivered by 20 V supply.	A. 2 mJ B. 10 m j C. 20 mJ D. 25 mj
10	In case of a convex lens when object is placed at 2F image is formed.	A. At B. 2F C. away from 2F D. Between F at and 2 F
11	The ability's of convex lens to produce convergence in a parallel beam is called its.	A. Magnification B. Focal length C. Power D. Strength
12	A convex mirror is used to reflect light from an object placed 66 cm in front of the mirror. The focal length of the mirror is 46 cm Find the location of the image.	A. 23 cm B. -23 cm C. -27 cm D. 27 cm
13	When a hot liquid is mixed with a cold liquid temperature of the mixture.	A. First decreases and then becomes constant B. First increases and then becomes constant C. Continuously decreases D. Is undefined for some time and then nearly becomes constant
14	Gases have	A. Fixed shape B. Fixed volume C. Fixed shape and volume D. No fixed shape and volume

15	Refraction contributes to the formation of.	A. Rainbows only B. Mirages only C. Echo D. Rainbows and mirages
16	Which of the following has maximum specific heat.	A. Glass B. Iron C. Brass D. Lead
17	The relationship between mass number atomic number and neutron number is.	A. $A = Z + N$ B. $A = Z - N$ C. $Z = A + N$ D. $N = Z - A$
18	Cs - 137 is a radioisotope used to determine the thickness of the walls of steel pipes Cs 137 is chosen because it emits	A. Radiowaves B. Alpha particles C. Beta particles D. gamma particles
19	When a body is taken out of the earth's gravitational field, the P.E. with respect to earth is	A. Zero B. Minimum C. Maximum D. geothermal
20	What is the about the electric field inside a metallic sphere.	A. It is zero B. It varies with the shape of the conductor C. It depends on the charge there D. It does not charge the metallic sphere