

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	The electric heater takes a current of 4 A from a 250 V supply . How long would it take the heater to convert 400,000 J of electric energy.	A. 100 s B. <div>200 s</div> C. 400 s D. 750 s
2	To measure the accurate value of potential difference across two points, the voltmeter should have.	A. Zero resistance B. small resistance C. Large resistance D. Infinite resistance
3	The dimensions of stress are	A. [MLT-1] B. [ML-1 T] C. [ML-1T-1] D. [ML-1T-2]
4	Which of the following is an example of an irreversible process.	A. Isothermal and adiabatic process B. Melting of ice C. Work done against friction D. Peltier effect
5	Angular momentum of a body under a central force is	A. Zero B. Maximum C. Minimum D. Constant
6	The heat required to sublime one mole of the substance at standard temperature and pressure is called.	A. Latent heat B. Specific heat C. Heat of sublimation D. Heat capacity
7	Two convex lens focal length 'f' use in combination become telescope. When the distance between them is.	A. 1 B. 4f C. 2f D. f/2
8	Hearing damage is possible at sound pressure of	A. 0 dB B. 50 dB C. 130 dB D. 195 dB
9	when a bowl of water is taken into the bottom of a well the work done is.	A. Positive B. Negative C. Zero D. Maximum
10	Simple harmonic motion is a type of	A. rectilinear motion B. Circular motion C. Rotational motion D. Zig Zag motion
11	Why is a capacitor resistor combination used in oscillators in grid circuit.	A. To generate oscillation B. To bias the grid automatically C. To amplify oscillations D. To sustain the oscillations.
12	The decay process in which an unstable nucleus splits into two fragments of comparable mass is known as.	A. Nuclear fission B. nuclear fusion C. Radioactivity D. Carbon dating
13	When speed of a moving body becomes double.	A. Its K.E. is doubled B. Its acceleration is doubled C. Its P.E. is doubled D. Its momentum is double
14	The normal adjustment the magnifying power of an astronomical telescope is.	A. f_e/f_o B. f_o/f_e C. $f_o + f_e$ D. $f_o - f_e$
15	The susceptibility of a paramagnetic material is	A. negative B. Positive C. Zero D. Infinity

16	Sound wave in air are	A. Longitudinal waves B. Transvers waves C. Electromagnetic waves D. Matter waves
17	An astronaut in an earth satellite will observe the sky as	A. Light blue B. Deep blue C. White D. Black
18	Generally, electrical resistivity of intrinsic semiconductors decreases with increasing.	A. Pressure B. Volume C. Temperature D. Density
19	In modulation, low frequency signal is called	A. Fluctuated signal B. Loaded signal C. Modulated signal D. Harmonic signal
20	A frictionless heat engine can be 100% efficient only if its exhaust temperature is	A. Equal to the input temperature B. Less than the input temperature C. 0 $^{\circ}\text{C}$ D. 0 K
