

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	When amplitude of a wave becomes double its energy becomes.	A. Xero B. Double C. 4 times D. 6 times
2	Push pull amplifiers employ	A. One transistor B. Two transistors C. Three transistors D. Four transistors
3	Temperature of a system remains constant in	A. Adiabatic process B. Isobaric process C. Isothermal process D. Isochoric process
4	The locus of all points in the same state of vibrations are known as.	A. half period zone B. A wavefront C. A half wave zone D. A full wave zone
5	Resistance and resistivity of a substance	A. Increase with rise in temperature B. Decrease with rise in temperature C. Remains same at every temperature D. Increases at high voltage
6	The SI unit of torque is	A. kg ms ⁻² B. kg m ² s ⁻² C. kg ms ⁻¹ D. kg m ² s ⁻³
7	What can be used as the unit of envery.	A. N m ⁻¹ B. V A C. W.s D. V C ⁻¹
8	As the mass number increases, the binding energy per nucleon in a nucleus	A. Increases B. Decreases C. Remain constant D. Varies in a way that depends upon A
9	Maximum number of orders available with a grating is.	A. Independent of grating element B. Directly proportional to grating element C. Inversely proportional to grating element D. Directly proportional to wavelength
10	Two stem engine A and B have their sources at 900 K and 600 K and their sinks are at 450 K and 300 K respectively.	A. They are equally efficient B. A is less efficient than B C. a is more efficient than B D. Their efficiencies cannot be determined
11	The decimal equivalent of 1111 is	A. 5 B. 10 C. 15 D. 120
12	When mas of a string is increased 4 times its original valve, the velocity of the wave.	A. Becomes double B. Reduces to one half C. Reduces to one fourth D. Increases 4 times to its original value
13	The unit of intensity of sound waves is.	A. W m ⁻¹ B. W m ⁻² C. N m ⁻¹ D. N m ⁻²
14	The mass of proton is equal to.	A. 1.673×10^{-27} kg B. 1.673×10^{27} kg C. 9.1×10^{-31} kg D. 9.1×10^{-31} kg

15	What is the voltage a 6 Mega resistor when 3 A of current passes through it.	A. 2 V B. 9 V C. 18 V D. 36 V
16	The direction of induced emf during electromagnetic induction can be determined by making use of.	A. Faraday's law B. Ampere;s law C. Lenz's law D. Laplace law
17	An electrical device is rated at 12 W , 2 A How many 1.5 V batteries are needed in the device.	A. 2 B. 4 C. 6 D. 8
18	Which parameter is an indication of colour of a star.	A. Weight B. Distance C. Sixe D. Temperature
19	The amount of heat developed in a resistor is directly proportional to.	A. The square of the current only B. The resistance of the conductor only C. The time of current passing only D. The square of current resistance and teh time of current flow
20	An oscillator is basically an amplifier with loop gain	A. Zero B. Less than unity C. More than unity D. Infinity