

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	Which are different types of emission spectrum	A. Continues spectrum B. Line spectrum C. Band spectrum D. all of the above
2	In Compton's effect the change in wavelength of a scattered photon is called.	A. Angle of emergence B. Angle of refraction C. Angle of deviation D. Compton shift
3	Which of the following factors determines the resolving power of an instrument.	A. magnification B. Total length of objective C. Diameter of objective D. Refractive index of objective
4	Which is the famous standard model of the universe.	A. the big bang B. Cosmos C. Astronaut D. The small step
5	Which of the following is not a unit of plane angle.	A. Degree B. Radian C. Gradian D. Steradian
6	If mass attached to a spring increases then its time period.	A. Increases B. Decreases C. Remains constant D. Decreases slightly
7	The reverse process of vector addition is called	A. Negative of a vector B. Subtraction of vectors C. Resolution of vectors D. Multiplication of vector
8	The change in entropy for any reversible cycle is identically	A. Infinite B. Positive C. Negative D. Zero
9	Most cooking involves	A. Adiabatic process B. Isothermal process C. Isobaric process D. Isochoric process
10	How power factor of a circuit can be improved.	A. Using capacitors B. Using cokes C. Using resistors D. All of these
11	The point midway between the lens surface on its principal axis	A. Optical centre B. Principal focus C. Focal plane D. Focal length
12	Photophone was invented by	A. Graham bell B. Galileo C. Michelson D. Faraday
13	A heat engine can develop efficiency equal to 100% if the temperature of the sink is	A. Less than that of source B. Equal to that of source C. 0 K D. 0 $^{\circ}$ C
14	LASER beam can be used to generate three dimensional images objects in the process called.	A. Tomography B. Holography C. Autography D. Biography
15	A mason of 9.8 N weight is climbing on a 20 m high ladder The P.E. of mason at the middle of the ladder is.	A. 98 J B. 196 J C. 960 .4 J D. 1920 .8 J

16 Photocells are used for
A. Security systems
B. Counting systems
C. Automatic door system
D. All of the above

17 Plossi or symmetrical eye piece consists of
A. Two plano convex lenses with same focal length
B. Two sets of doublets
C. An achromatic doublet
D. A spherical doublet

18 x-rays cannot produce
A. Photoelectron
B. Compton electron
C. Electron positron pair
D. All of these

19 In L-C parallel circuit the capacitor draws a
A. Lagging current
B. Leading current
C. Lagging voltage
D. Leading voltage

20 In which device is a permanent magnet used
A. An electric bell
B. An electromagnet
C. A plotting compass
D. A relay
