

## PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	Negative feedback	A. Increases stability B. Decreases stability C. Produces oscillatory D. Cannot occur
2	A water wave is an example of	A. Electromagnetic wave B. Longitudinal wave C. Transverse wave D. Reverberation
3	The focal length of a thin converging lens is 10 cm What is the maximum distance from the lens that the object can be placed so that the lens acts as a magnifying glass.	A. 5 cm B. 10 cm C. 15 cm D. 20 cm
4	At room temperature the potential difference between the two sides of depletion region for silicon is of the order of.	A. 0.3 v B. 0.5 V C. 0.7 V D. 0.9 V
5	There are how many modes of operations of a BJT.	A. 2 B. 3 C. 4 D. 5
6	Beats occurs because of.	A. Reflection B. Refraction C. Interference D. Doppler's effect
7	What is the scale for measurement of Banbridge mass spectrograph.	A. Linear B. Inverse C. Exponential D. Logarithmic
8	The circuit of full wave rectification consists of	A. Only one diode B. Two diodes C. Three diodes D. Four diodes
9	The SI unit of stress is	A. kg m s-2 B. kg m-1 s-2 C. N m-2 D. N m-1
10	In an isochoric process.	A. Volume changes B. Pressure changes C. Temperature changes D. Volume remains constant
11	What is the part of a simply D.C. motor that reverses the direction of current through the coil every half cycle.	A. Armature B. Brushes C. Commutator D. Slip rings
12	Birds planes and boats are streamlined to reduce	A. Turbulence B. Thrust C. Drag D. Lift
13	A physical quantity not directly involved in rotating motion is.	A. Moment of inertia B. Mass C. Angular velocity D. Torque
14	The horizontal range is equal for the angles.	A. $30^\circ$ and $45^\circ$ B. $30^\circ$ and $60^\circ$ C. $45^\circ$ and $90^\circ$ D. $60^\circ$ and $75^\circ$

15 A body at rest may have  
A. Speed  
B. Momentum  
C. Acceleration  
D. Energy

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16 One weber is equal to.  
A. N A-1  
B. N m-1 A  
C. N mA-1  
D. N m-1 A-1

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17 To produce beats it is necessary to use two waves.  
A. Travelling in opposite direction  
B. Of slightly different frequencies  
C. Of equal wavelengths  
D. Of equal amplitudes

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18 The emission of electrons from a metal surface when exposed to light of suitable frequency is called.  
A. Pair production  
B. Compton effect  
C. Photo electric effect  
D. Zeeman effect

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19 If the period of a wave motion is 2 s and the wave speed is 4 cm s-1 then its frequency is  
A. 1/8 C s-1  
B. 1/2 C s-1  
C. 2 C s-1  
D. 8 C s-1

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20 How are the electrons produced in a cathode ray tube.  
A. By applying an electric field to the x plates  
B. By heating a metal filament  
C. By ionization of the air  
D. By radioactive decay