

## PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	The specific heat capacity of a substance is the amount of heat required to.	A. Raise its temperature by 1 K B. Raise the temperature of 1 kg of the substance by 1 K C. Melt 1 kg of the substance D. Boil 1 kg of the substance
2	Among different elements of the periodic table which of the following atoms is the simplest.	A. Carbon B. Oxygen C. Hydrogen D. Nitrogen
3	Which is not the strongest and the most familiar type of magnetism.	A. Diamagnetism B. Para magnetism C. Ferromagnetism D. All of these
4	Angular simple harmonic motion is.	A. Periodic rectilinear motion B. Independent of any applied torque C. Periodic rotational motion D. Never defined
5	The centre of gravity of an object is also called.	A. Centre of buoyancy B. Centre of mass C. Centre of the body D. Torque
6	An electric current in conductors is due to the flow of.	A. Positive ion B. Negative ion C. Positive charges D. Free electrons
7	When forward bias is applied to a junction diode it.	A. Increases the potential barrier B. Decreases the potential barrier C. Reduces the majority carrier current to zero D. Reduces the minority carrier current to zero
8	In the equation $P = IV \cos \Theta$ $\cos \theta$ is known as	A. Phase angle B. Limiting angle C. Phase D. Power factor
9	A well known example of an intrinsic semi conductors is.	A. Germanium B. Phosphorus C. Cobalt D. Aluminium
10	Distance between two consecutive nodes or antinodes is equal to.	A. $\lambda / 4$ B. $\lambda / 2$ C. $\lambda / 2$ D. $2 \lambda$
11	If an object moves with velocity of light the apparent mass of the object as compared to its original mass is	A. greater B. Smaller C. Same D. zero
12	What is zoom lens	A. It is a lens having fixed focal length B. It is a lens having variable focal length C. It is a lens used in radii to telescope D. All of the above
13	A device used to determine mass of an isotope quite accurately is known as.	A. Spectrometer B. Mass spectrometer C. Mass detector D. Electronic balance
14	What will be excitation energy in the third orbit of hydrogen atom.	A. 0.66 eV B. 0.85 eV C. 1.5 eV D. 5.4 eV

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15 The corpuscular nature of light was given by  
A. Huygen  
B. Maxwell  
C. Newton  
D. Thomas Young

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16 Which of the following atom pair have the same structure.  
A. N, C  
B. B, Li  
C. H<sub>2</sub>, Ne  
D. Li, Na

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17 Who was the author of Mathematical principles of Natural philosophy.  
A. Kepler  
B. Einstein  
C. Max Planck  
D. Newton

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18 If there are no frictional effects, the mechanical energy of a system executing simple harmonic motion.  
A. Changes with time  
B. Is variable  
C. Is constant  
D. Is not conserved

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19 The path followed by charge in an electric field is.  
A. Circular  
B. Linear  
C. Parabolic  
D. Zig zag

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20 When white light is incident on a diffraction grating, the light that will be deviated from central image will be.  
A. White  
B. Yellow  
C. Red  
D. Blue

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