

## PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	In potential for the material of cathode pure metals are rarely used because of their	A. Low reflecting power B. High reflecting power C. Low resolving power D. High resolving power
2	The chemical behavior of an atom is determined by	A. Mass number B. Number of Isotopes C. Atomic number D. Binding energy
3	A body of mass 1 kg hanging with a spring of spring constant $60 \text{ N m}^{-1}$ is rotation in a horizontal circle. The values of angular frequency will be.	A. $80.94 \text{ Hz}$ B. $89.4 \text{ Hz}$ C. $98.4 \text{ Hz}$ D. $108.6 \text{ Hz}$
4	A water wave is an example of.	A. Transverse wave B. Longitudinal wave C. Hair wave D. Shock wave
5	Some concept of static electricity were introduced by.	A. Chinese B. Plato C. Thales D. Archimedes
6	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. $200 \text{ s}$ C. 400 s D. 750 s
7	When the temperature of a body is equal to that of the surrounding then the body appears	A. Dull black B. Red hot C. In thermal equilibrium D. To be cold
8	How does heat transfer between objects.	A. From cold to hot objects B. From hot to cold objects C. By electromagnetic radiations D. From hotter to hottest objects.
9	Which of the following has the highest relative biological effectiveness or the quality factor.	A. X rays and Gamma rays B. Electrons C. Photons D. Alpha particles
10	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
11	Difference in the density of two medium when waves are passing from one into another medium always results in the change in.	A. Wave speed B. Wave direction C. Both speed and direction D. Wave frequency
12	A diatomic gas contains only	A. Translational K.E. B. Rotational K.E. C. Vibrational K.E. D. All of these
13	LASER is a device which can produce	A. Monochromatic beam of light B. Coherent beam of light C. An intense beam of light D. All of these
14	The transition of inner shell electrons in heavy atoms gives rise to the emission of.	A. Low energy b-particle B. High energy b-particle C. High energy X-rays D. High energy gamma rays
15	Which vector gives the displacement from one point to another in space.	A. Position vector B. Unit vector C. Null vector D. Distance vector

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16 Which of the following is basic transistor configuration.  
A. CB  
B. CC  
C. CE  
D. All of these

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17 Bernouli's equation includes as a special case of.  
A. Hook's law  
B. Torricelli's theorem  
C. Third law of motion  
D. Archimedes principle

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18 A preset or trimmer can be a.  
A. Variable resistor  
B. Variable capacitor  
C. Variable inductor  
D. All of these

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19 Lenz's was a physicist of.  
A. America  
B. Russia  
C. Japan  
D. China

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20 What will be the sound speed if the frequency is doubled.  
A. zero  
B. Half  
C. Double  
D. Unchanged

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