

## PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	The graph between restoring force and time in SHM is a	A. Straight line B. Parabola C. Sine wave D. Circle
2	What happen to entropy in an irreversible cycle.	A. No gain in entropy B. No change in entropy C. Loss of entropy D. A net gain of entropy
3	Light waves can be polarized because they	A. have short wavelength B. Have high frequency C. Can be reflected D. Are transverse
4	Why choke coil is used in an AC circuit.	A. To decrease D.C. B. To increases A.C. C. To decreases A.C D. To increase D.C
5	The phenomenon in which a photon of frequency 'f' is scattered by an electron and the scattered photon has frequency $f' < f$ is known as.	A. Pair production B. Pair annihilations C. Photoelectric effect D. Compton's effect
6	The electrons behave as wave because.	A. They can be diffracted by a crystal B. They can be deflected by magnetic field C. They can be deflected by electric field D. they can produce ions in gases
7	Which of the following scientists is known for his exceptional work in the field of optics.	A. Albert Einstein B. Issac Newton C. Ibn al Haithem D. Alberuni
8	Capacitance is define das	A. $VC$ B. $Q/V$ C. $QV$ D. $V/Q$
9	What is the emission of light by a substance that has observed light or others electromagnetic radiations of a difference wavelength.	A. Fluorescence B. Illuminance C. Luminance D. Incandescence
10	In a diffraction pattern, the width of any fringe is.	A. Directly proportional to slit width B. Inversely proportional to slit width C. independent of slit width D. Zero
11	Which of the following does not reflect the laws of static charges.	A. like charges repel B. Opposite charges attract C. Neutral charges repel D. Neutral objects are attracted to charged ones.
12	If we double both the current and the voltage in circuit while keeping its resistance constant the power.	A. Remains unchanged B. Halves C. Doubles D. quadruples
13	In order to har an echo what is the minimum distance between the sound and reflecting surface.	A. 0.65 m B. 16.5 m C. 1.65 m D. 165 m
14	The kinetic molecular model of matter describe matter an being made up of molecules in continuous.	A. Vibratory motion B. Random motion C. rotatory motion D. Linear motion
		A. The difference of potential is same

15 For capacitors connected in series.

tor an  
B. The charge on each is the same  
C. The resultant capacitance is greater than  
D. The charge on each is not the same

---

16 A man in an elevator descending with an acceleration will conclude that his weight has

A. Increased  
B. Decreased  
C. Constant value  
D. Zero value

---

17 The pitch of sound depends on its

A. Wavelength  
B. Frequency  
C. Wave amplitude  
D. Harmonic content

---

18 A preset or trimmer can be a.

A. Variable resistor  
B. Variable capacitor  
C. Variable inductor  
D. All of these

---

19 The zero point of Kelvin scale is called.

A. Critical point  
B. Terminal point  
C. Absolute zero  
D. Mid point

---

20 Which one of the following is deflected by an electric field.

A. Alpha particles  
B. Gamma rays  
C. Neutrons  
D. x rays