

Test NO. 5**Chapter-NO. 10-13 (1st Half Book)****Class -10th****PHYSICS****Time Allowed: 15 Minutes****Paper: (Objective type)****Maximum Marks: 12**

Note : You have four choices for each objective type question as A,B,C and D. The choice which you think is correct fill that circle in front of that question number. Use marker or pen in fills this circle. Cutting or filling two or more circles will result in zero mark in that question.

Q. No.	QUESTIONS	(A)	(B)	(C)	(D)
1.	In a vacuum, all electromagnetic waves have the same.	Speed	Frequency	Amplitude	Wavelength
2.	Which of the following is method of energy transfer?	Conduction	Radiation	Wave motion	All of these
3.	Wave transfer.	Frequency	Wavelength	Velocity	Energy
4.	Snell's law is :	$n = \frac{\sin \angle r}{\sin \angle i}$	$n = \frac{\sin \angle i}{\sin \angle r}$	$n = \frac{c}{v}$	$n = \frac{v}{c}$
5.	Sound is form of _____ energy.	Chemical	Thermal	Electrical	Mechanical
6.	The relation between velocity, frequency and wave length of a wave is.	$Vf = \lambda$	$f\lambda = v$	$v\lambda = f$	$V = \lambda/f$
7.	Which example of longitudinal wave.	Sound waves	Light waves	Radio wave	Water wave
8.	For a normal person, audible frequency range lies between.	10 Hz – 10 KHz	20 HZ- 20 KHz	25 HZ – 25 KHz	30 HZ – 30 KHz
9.	The index of refraction depends on the.	Focal length	Speed of light	Image distance	Object distance
10.	A positive electric charge is.	Repels other positive charge	Attract other positive charges	Attracts a neutral charge	Repels a neutral another object
11.	SI unit of electric intensity is.	ms^{-1}	NS	Nm	NC^{-1}
12.	One Volt (1 V) is equal to.	1 JC	1J	1JC^{-1}	1C^{-1}

A B C D**A B C D****A B C D****A B C D****A B C D**

1	☒ A ☐ B ☐ C ☐ D	4	☐ A ☒ B ☐ C ☐ D	7	☒ A ☐ B ☐ C ☐ D	10	☒ A ☐ B ☐ C ☐ D	13	☐ A ☐ B ☐ C ☐ D
2	☐ A ☐ B ☒ C ☐ D	5	☐ A ☐ B ☒ C ☐ D	8	☐ A ☒ B ☐ C ☐ D	11	☐ A ☐ B ☒ C ☐ D	14	☐ A ☐ B ☐ C ☐ D
3	☐ A ☐ B ☒ C ☐ D	6	☐ A ☒ B ☐ C ☐ D	9	☐ A ☒ B ☐ C ☐ D	12	☐ A ☐ B ☒ C ☐ D	15	☐ A ☐ B ☐ C ☐ D

نوٹ: معروضی سوال نامے کو توجہ سے پڑھیں اور ہر MCQ کی درست آپشن A,B,C,D کو پین کی سیاہی یا مارکر سے اس طرح پُر کریں کہ سیاہی دائرے سے باہر نہ نکلے۔ ایک سے زیادہ دائروں کو پُر کرنے یا کٹ کر پُر کرنے کی صورت میں مذکورہ جواب غلط تصور ہوگا۔

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