

Physics

S.S.C (10th)-A-2022

گروپ

Paper : II

Group : II

Objective

گروپ : دوسرا

II : 4

Time : 15 Minutes

(iii)

وقت : 15 منٹ

Marks : 12

Paper Code

7

4

7

6

نمبر : 12

نوٹ:- ہر سوال کے چار ممکنہ جوابات A, B, C اور D دیے گئے ہیں۔ جہاں کاپی پر ہر سوال کے سامنے دیے گئے دائروں میں سے درست جواب کے مطابق دائرہ کو مار کر یا پین سے بھر دیجئے۔ ایک سے زیادہ دائروں کو مار کرنے یا گٹ کرنے کی صورت میں نہ کوئی جواب غلط تصور ہوگا۔

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 in your answer book. Use marker or pen to fill the circles. Cutting or filling up two or more circles will result no mark.

(SECTION-A) (حصہ اول)

Q.1	Questions / سوالات	A	B	C	D
1.	Radio waves are:	Stationary	Electromagnetic	Particles	Mechanical
2.	The number of neutrons in Hydrogen isotope 1_1H is:	1	2	3	4
3.	Michael Faraday belonged to:	British	USA	KSA	Russia
4.	The equation of NOT operation is:	$X = A.B$	$X = A + B$	$X = \bar{A}$	$X = \overline{A.B}$
5.	An object is 14cm in front of a convex mirror. The image is 5.8cm behind the mirror. What is the focal length of the mirror?	-4.1cm	-8.2cm	-9.9cm	-20cm
6.	The loudness of a sound is most closely related to its:	Frequency	Period	Wavelength	Amplitude
7.	The Coulomb's Law is valid for the charges which are:	Moving and point charges	Moving and non-point charges	Stationary and point charges	Stationary and large size charges
8.	The index of refraction of diamond is:	1.33	1.52	2.21	2.42
9.	The relation between velocity, frequency and wavelength of a wave is:	$Vf = \lambda$	$f\lambda = V$	$V\lambda = f$	$V = \lambda/f$
10.	CD stands for:	Computer Disc	Chemical Disc	Compact Disc	None of these
11.	If we double both the current and the voltage in a circuit while keeping its resistance constant, the power:	Remains unchanged	Become half	Become double	Become quadruples
12.	The screen of cathode ray tube consists of a material called:	Zinc	Iron	Phosphor	Glass