

PHYSICS

019 - (دہم کلاس)

Q. Paper : II (Objective Type)

PAPER CODE = 7475

II : (معروضی طرز)

Time Allowed : 15 Minutes

(پہلا گروپ)

وقت : 15 منٹ

Maximum Marks : 12

L#2-G1-16-19

کل نمبر : 12

نوٹ : ہر سوال کے چار ممکنہ جوابات A 'B 'C 'D اور دیئے گئے ہیں۔ جوابی کاپی پر ہر سوال کے سامنے دیئے گئے دائروں میں سے درست جواب کے مطابق متعلقہ دائرہ کو مار کر یا پین سے بھر دیجئے۔ ایک سے زیادہ دائروں کو بھر کرنے یا کاٹ کر پُر کرنے کی صورت میں مذکورہ جواب غلط تصور ہوگا۔

Note : Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink in the answer-book. Cutting or filling two or more circles will result in zero mark in that question.

1-1	To correct the defect of vision farsightedness which type of lens is used : None of these (D) Both (C) Diverging (B) Converging (A)
2	Typical value of the voltage and current used for thermionic emission from tungsten filament is : 12 V and 0.3 A / 0.3 امپیئر (B) 6 V and 0.3 A / 0.3 امپیئر (A) 6 V and 3 A / 3 امپیئر (D) 12 V and 3 A / 3 امپیئر (C)
3	To measure the value of current flowing in a circuit which device is used : Ammeter (B) Galvanometer (A) None of these (D) Voltmeter (C)
4	We can distinguish between a shrill and grave sound by its : Pitch (D) Area (C) Amplitude (B) Loudness (A)
5	The turn ratio of a transformer is 10, it means : $N_s = 10 N_p$ (D) $V_s = \frac{V_p}{10}$ (C) $N_s = \frac{N_p}{10}$ (B) $I_s = 10 I_p$ (A)
6	When U - 92 ejects a beta particle how many protons will be in the remaining nucleus : 90 (D) 91 (C) 89 (B) 93 (A)
7	To get virtual image from a convex lens the object is kept : Between F and 2F / کے درمیان (B) On F / پر (A) Beyond 2F / سے پرے (D) Between O and F / کے درمیان (C)
8	S.I unit of capacitance of a capacitor is : N (D) F (C) A (B) V (A)
9	The combined resistance of two identical resistors connected in series is 8 Ohm. Their combined resistance in parallel arrangement will be : 12 Ω (D) 8 Ω (C) 2 Ω (B) 4 Ω (A)
10	The brain of any computer system is : C. P. U (D) Floppy disc (C) Memory card (B) Monitor (A)
11	If the mass of the bob of the pendulum is increased by a factor of 3, the time period of the pendulum's motion will be : Remain unchanged (B) Increased by factor of two (A) Decreased by factor of four (D) Decreased by factor of two (C)
12	The process by which electrons are emitted by a hot metal surface is known : Conduction (D) Thermionic emission (C) Evaporation (B) Boiling (A)

