

TEST NO. 1**CH-1****PHYSICS****Time Allowed: 15 Minutes****CLASS 9TH – 019****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 circles in front of that question number. Use marker or pen to fill the circles. Cutting or filling two or more circles will result in zero mark in that question

Q. 1	QUESTIONS	(A)	(B)	(C)	(D)
1.	The number of significant figures in 210. 0 g are	One	Two	Three	Four
2.	Which one of the following is the smallest quantity?	0.01 g	2mg	100 μ g	5000 mg
3.	The unit of electric charge is	Coulomb	Ampere	Volt	Joule
4.	The unit of force is	Newton	m^3	ms^{-2}	ms^{-1}
5.	The unit of electric current is	Candela	Metre	Second	Ampere
6.	The eleventh general conference was held in Paris	1959	1961	1660	1960
7.	The no of base units in SI are	3	6	7	9
8.	The study of the structure and properties of atom is called.	Electricity	Nuclear physics	Geo physics	Atomic physics
9.	The least count of vernier calipers is	01 mm	0.1 mm	001 mm	01m
10.	In 0.036, the number of significant figures is.	1	2	3	4
11.	A measuring cylinder is used to measure.	Mass	Area	Volume	Level of liquid
12.	What is measured by physical balance?	Weight	Mass	Length	Time

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 بچین کی سیاسی یا مار کر سے اس طرح پُر کریں کہ سیاسی دائرے سے باہر نہ نکلے۔ ایک سے زیادہ دائروں کو پُر کرنے یا کاٹ کر پُر کرنے کی صورت میں مذکورہ جواب غلط تصور ہوگا۔

TEST NO. 1**CH - 1****PHYSICS****Time Allowed: 1:45 hours****CLASS 9TH – 019****Paper : (Essay Type)****Maximum Marks: 48****(PART – I)****2. Write short answers to any Five (5) questions: 10**

- (i) What role SI units have played in the development of science.
- (ii) Define Physics.
- (iii) Define Mechanics.
- (iv) Define geophysics
- (v) Define physical quantities.
- (vi) Define base quantities and unit.
- (vii) Define derived quantities.
- (viii) What is international system of units?

3. Write short answers to any FIVE (5) questions: 10

- (i) Why is the use of zero error necessary in a measuring instrument.
- (ii) Write the importance of physics in our daily life.
- (iii) Define prefixes and give examples?
- (iv) What is significant figure?
- (v) What is meant by stopwatch?
- (vi) What you mean zero Error and Zero correction.
- (vii) What is meant by Vernier constant?
- (viii) What is measuring cylinder?

4. Write short answers to any FIVE (5) questions: 10

- (i) Define Screw gauge.
- (ii) What is measuring instruments?
- (iii) What do you know about physical balance.
- (iv) Describe scientific notation? Give an example
- (v) Define plasma physics.
- (vi) Differentiate between Lever balance and Electronic balance.
- (vii) Estimate you age in second.
- (viii) How can we measure the volume of an irregular shaped solid object?

(PART – II)**Note:- Attempt any TWO questions.**

5. (a) Define Physics and explain its branches. 4
(b) A chocolate wrapper is 6.7 cm long and 5.4 cm wide. Calculate its area up to reasonable number of significant figures. 5
6. (a) Define Physical quantities .Also write its types. 4
(b) What are the significant figures in the following measurements? 5
a) 1.66×10^{-27} kg b) 2001 s c) 1.009m
7. (a) What is meant by Vernier calipers? Write its construction 4
(b) Your hair grows at the rate of 1mm per day. Find their growth rate in nm s^{-1} . 5