

Sign. Dy. Supdt.

Fictitious Roll No. (For Office Use)

Sign. Candidate

PHYSICS

PART-I (9<sup>th</sup> Class)

(OBJECTIVE)

New Scheme/New Course Academic Session 2016-18 & 2017-19 (AJK)

Marks : 12

Time 15 Minutes

Write your Roll No. in space provided. Over-writing, Cutting, Using of lead pencil will result in loss of marks. All questions are to be attempted.

1- Each question has four possible answers, Tick (  ) the correct answer. (12)

1	Which of the following is the longest length;						
A	$10^0$ m	B	$10^3$ m	C	$10^5$ $\mu$ m	D	$10^4$ mm
2	Graphically a vector is represented by;						
A	Arrow head	B	A straight line	C	Curved line	D	A double arrow
3	The wings of flying birds perform motion;						
A	Translatory	B	Vibratory	C	Rotatory	D	Circulatory
4	Mass is a quantitative measure of;						
A	Force	B	Motion	C	Inertia	D	Weight
5	Momentum is equal to;						
A	Mass $\times$ speed	B	Mass $\times$ velocity	C	Mass $\times$ acceleration	D	Force $\times$ speed
6	If a body in unstable equilibrium is disturbed slightly then its centre of gravity is;						
A	Raised slightly	B	Lowered slightly	C	Neither raised nor lowered	D	None of these
7	$\cos 30^\circ =$ _____						
A	0.866	B	0.707	C	0.5	D	0.32
8	The centripetal force provided to artificial satellite is due to,						
A	Moon	B	Earth	C	Sun	D	None of these
9	Unit of work is _____						
A	Watt	B	Newton	C	Kilogram	D	Joul
10	The density of mercury in $\text{Kg m}^{-3}$ is;						
A	1000	B	2000	C	6000	D	13500
11	Which one has lowest freezing point;						
A	Water	B	Mercury	C	Wax	D	Alcohol
12	Thermal conductivity of a rod does not depend on;						
A	Length	B	Mass	C	Cross-section area	D	Nature of material

(The End)