Classedge School				
	Question Paper			
Class	Marks :			
Subject	Time :			
Name:				
Roll No. :	Division :			
Question 1				
When an object is travelling at a constan	t speed, the net force on the object is:			
A. maximum				
B. minimum				
C. zero D. May be maximum or minimum d	epending on the speed			
Question 2				
Inertia is the property by virtue of which	the body is not able to change by itself:			
A. The state of uniform motion only	<i>I</i> .			
B. The steady state of rest only. C. The state of uniform motion and	the state of rest			
D. The direction of motion.	the state of rest.			
Question 3				
Which law is applicable to the following estops.	example: The rider of a running horse falls forward when the horse suddenly			
A. Newton's first law of motion				
B. Newton's second law of motion				
C. Newton's third law of motion D. All the above.				
One offers 4				
Question 4				
A frame of reference in which Newton's f	first law is valid refers to			
A. fixed frame of reference.				
B. inertial frame of reference. C. non-inertial frame of reference.				
C. non-inertial frame of reference.D. accelerated frame of reference.				

If a body is moving with a constant velocity along a straight line path, then the force is not required to A. increase its speed B. decrease its momentum C. change its direction D. keep it moving with uniform velocity **Question 6** A frame in which Newton's first law is not valid refers to ______. A. inertial frame B. non-inertial frame C. accelerated frame D. fixed frame **Question 7** When a bus suddenly takes a bend, the passengers are thrown in the outward direction, due to ______ A. inertia of motion B. speed of motion C. acceleration of motion D. bad turning style of a driver **Question 8** The acceleration produced in a body of given mass is directly proportional to the ______. A. Shape of the body B. Size of the body C. Force applied on the body. D. Material of the body. **Question 9** The S.I. unit of force is _____. A. B. dyne newton g cm s^{-2} C. D. g cm s⁻¹

Question 5

What is	the relationship between force (F), mass (m) and acceleration (a)?			
В. С.	$F = m \div a$ F = m + a $F = m \times a$ F = m - a			
Quest	ion 11			
What is	s the C.G.S. unit of force?			
A. B. C. D.	newton dyne joule erg			
Quest	ion 12			
An und	esirable production of heat due to friction would be			
A. B. C.	Rubbing of our palms together, during the winter season. The striking of a match with the match-box			
Quest	ion 13			
Can fri	ctional force stop an object?			
A. B.	No, friction only slows an object Yes, when it overcomes the applied force			

Question 10

Question 14

	e density of gold in SI system system?	is 2500 kg/m³,	what will be its density in			
A.	2.5 g/cm ³	B.	2.5 kg/m ³			
C.	0.25 g/cm ³	☐ D .	0.25 kg/m ³			
Question 15						
Which instrument is usually used to measure the mass of a solid?						
A. Physical balance B. Eureka can C. Beaker						
Question 16						
What is the formula for calculating the volume of a regular body?						
A. Area ÷ Height B. Height + Area C. Area × Height D. Area – Height						
Question 17						
Which instrument is used to measure the volume of an irregular solid?						
A. B. C.	B. Measuring tape					
Question 18						
Which liquid has the highest density?						
А. В. С.	B. Alcohol					