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NAME OF STUDENTS	
CLASS	FORM 2
DURATION	2HOURS
EXAMINATION	THIRD SEQUENCE EXAM
SUBJECT	PHYSICS

STUDENTS COMPETENCE

CNA	CAA	CA	CWA	CVWA
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PARENTS/GUARDIAN'S REMARK.

SIGNATURE	REMARK

Instructions: Answer all question in this paper.

SECTION A(10marks): Mark the letter corresponding to the correct answer.

1). Which of the following is not a contact force ?

A). Friction .B). Upthrust .C). Magnetic force .D). Tension .

2). The quantity of matter in a body is known as) .A). Friction B). Mass.c).Gravity .D) . Weight.

3). A boy has a mass of 20kg. Calculate its weight A) 20N.b). 20kg.c) 200N . D). 200kg.

4). The process of changing from liquid form to gaseous form is known as .A). Sublimation. B). Evaporation. C). Condensation. D). Melting .

5). Matter is anything that has mass and does not occupy space . A) False B). True .C) both .D). None is correct .

6). Gravitational field strength is denoted as : A). Force (N)/mass(kg).B). Force (N)/tension .C). Force (N)/Area . D). Pressure .

7). Which of the following indicate a balanced force : A) when 2 forces are separated .B). When 3 forces are separated.

C). When 3 forces have different magnitudes.

D). When two forces have equal magnitude.

8). A box of mass 10kg falls from a height of 10m. Calculate its gravitational potential energy .A). 1000N .B). 1000kg. C). 1000m. D). 1000J .

9). Condensation is ; A) changing from liquid to gas . B). Changing from gas to solid .C). Changing from gas to liquid .D). No change at all.

10). The s.i units for weight is .A). Newton(N).B) meter square (m^2). C). Force .D). Kilogram.

SECTION B : STRUCTURAL QUESTION .

1). A bus of mass 3000kg is authorised to carry 15 passengers .if the average mass per passengers is 50kg. Calculate. (3mk)

a). Weight of the bus .

B). Weight of all passengers .

2). Give two(2) difference between mass and weight . (2mks)

SECTION C . COMPETENCE . ESSAY QUESTION.

1). Illustrate briefly on the different types of forces . (5mks).