

THE UNITED REPUBLIC OF TANZANIA
O-STUDY LIBRARY
FORM TWO PHYSICS MONTHLY TEST 2024

TIME 2:30 HRS

INSTRUCTIONS:

1. *This paper consists of section A, B and C with total of ten (10) questions*
2. *Answer all questions.*
3. *Section A carries 15 marks, section B 70 marks and section C carries 15 marks.*
4. *All answers must be written in spaces provided.*
5. *Where necessary the following constants may be used*
 - *Acceleration due to gravity, $g = 10\text{N/kg}$*
 - *Density of water = 1g/cm^3 or 1000kg/m^3*

SECTION A (15 MARKS)

Answer all questions

1. Write the letter of the most correct answer in the space provided

i) It is branch of physics which deal with study of movement of charges from one point to another through conductor

- A. Mechanics
- B. Magnetism
- C. Electricity
- D. Waves

ii) _____ is the anything that has mass and occupies space

- A. Density
- B. Pressure
- C. Matter
- D. Magnetism

iii) _____ are things or instruments used to conduct experiments

- A. Device
- B. First aid kit
- C. Fire extinguisher
- D. Apparatus

iv) _____ is a person who specializes in laboratory activities.

- A. Teacher
- B. Surveyor

- C. Laboratory technician
- D. Meteorologist

v) _____ is a forceful rapid reaction which involve throwing particle at High speed

- A. Corrosive
- B. Explosive
- C. Flammable
- D. Toxic

vi) One of the following groups of instruments is for measuring volume only.

- A. Meter rule, Spring balance and Burette
- B. Burette, voltmeter, caliper
- C. Pipette, measuring cylinder, burette
- D. Relative density bottle, measuring cylinder and thermometer.

vii) Which of the following is a derived unit?

- A. Newton
- B. Second
- C. Kilogram
- D. Meter

viii) The main branches of natural physics are _____

- A. Modern and classical physics
- B. Physical sciences and biological sciences
- C. Social sciences and biological sciences
- D. Zoology and botany

ix) The shortest length can be measured by meter rule is _____

- A. 0.Im
- B. 10mm
- C. 1cm
- D. 1mm

x) Force can be measured by _____

- A. Spring balance
- B. Beam balance
- C. Meter rule
- D. Eureka can

Qns	i	ii	iii	iv	v	vi	vii	viii	ix	x
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Ans										
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