

CATHOLIC DIOCESE OF IRINGA
ST. MARY'S ULETE SECONDARY SCHOOL
FORM ONE MONTHLY TEST
PHYSICS

TIME: 2:30Hrs Thursday 16th February, 2023

INSTRUCTIONS:

1. *This paper consists of sections A, Band C with a total of Ten (10) questions*
2. *Answer all questions in both sections*
3. *Show clearly your work*
4. *Section A and C carries fifteen (15) marks and section B carries seventy (70)Marks*
5. *Cellular phones and any unauthorized material are not allowed in the examination room*
6. *Remember to write your Examination Number on every page of your answer sheet(s)*

SECTION A (15 Marks)

Answer all questions.

1. For each of the items (i) – (x), choose the correct answer from among the given alternatives and write its letter beside the item number in the answer booklet(s) provided (10 marks)

(i) Which one of the following arguments describes the mathematical language used in physics?

- A. Matter occupies space
- B. Density is mass per volume
- C. Physics is the branch of science
- D. Physics is the natural science subject

(ii) Emmanuel has got an electric shock and fell unconscious in the physics laboratory, which decision would you take to help the victim immediately?

- A. Administer breathing exercise
- B. Call the physicist
- C. Call other students
- D. Contact a medical doctor

(iii) Which one of the following is the SI unit of energy?

- A. joule (J)
- B. Joule (J)
- C. Joule (j)
- D. JOULE(J)

(iv) It is advised that during construction of a physics laboratory, doors and windows should be large. What is the reason behind this?

- A. To allow easy escape for students in case accidents occurs
- B. To allow carbon dioxide get escape easily
- C. In order to follow rules and procedures
- D. In order to allow ventilation

(v) A person who is interested in the study of matter in relation to energy with their mutual interaction is called

- A. Scientist
- B. Expert
- C. Physicist
- D. Physikosi

(vi) A branch of science which is concerned with the study of objects either stationary or in motion is called

- A. Geophysics
- B. Electronics
- C. Mechanics
- D. Geophysics

(vii) Physics has its origin which is described in Greek word

- A. Science
- B. Physikos
- C. Physikas
- D. Civikos

(viii) Which one of the following instruments is used for measuring the diameter of hollow objects internally and externally?

- A. Micrometer screw gauge
- B. Metre rule
- C. Tape measure
- D. Vernier caliper

(ix) What is the role of keeping a toxic substance sign in the laboratory room

- A. It shows that there are substances which are dangerous and can cause death
- B. It shows that there substances in the laboratory that can cause cancer
- C. It shows that there are materials with the ability to cause gradual damage when are in contact
- D. It shows that there are materials that are not dangerous and cannot cause death

(x) Which of the following is not related to physics

- A. Energy
- B. Matter
- C. Chemistry
- D. Reproduction

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

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