



DEPARTMENT : PHYSICS

ACTIVITY : ENTRY LEVEL TEST

YEAR : 2023-2024

DEPARTMENT OF PHYSICS

DATE	TIME	VENUE
17.07.2023	10.00 a.m. to 11.00 a.m.	I B.Sc. Classroom, E.M.G Yadava Women's College, Madurai
Theme		
Nature of the Activity		Entry Level Test
Title		Basics of Physics
Convener		Mrs.R.Kayalvizhi Head, Assistant Professor of Physics E.M.G. Yadava Women's College
Resource Person		Mrs.M.Hemalatha Assistant Professor of Physics E.M.G. Yadava Women's College
No. of Participants		Students - 17

ENTRY-LEVEL TEST ON "BASICS OF PHYSICS"

An entry-level test on the basics of physics was conducted with the objective of assessing students' knowledge of physics at a higher secondary level. The test aimed to evaluate participants' understanding of fundamental concepts, principles, and terminologies used in physics.

Test Format:

The test consisted of multiple-choice questions covering various topics in physics, including mechanics, thermodynamics, optics, electricity and magnetism, and modern physics. Questions were designed to assess participants' comprehension of basic principles and their ability to apply them in problem-solving scenarios.

Program Outcome:

The entry-level test on the basics of physics served as a valuable tool for evaluating students' knowledge and understanding of fundamental physics concepts.

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The assessment provided valuable insights into participants' strengths and areas requiring; improvement, thus informing future educational initiatives and curriculum development efforts.

The test contributed to the overarching goal of students: a strong foundation in physics at higher secondary level, preparing them for further academic pursuits and future endeavors in science and technology.

Photographs:



**Department of Physics conducted Entry Level Test for I B.Sc., Physics Students
titled "Basics of Physics" - 17.07.2023**

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Re-accredited (3rd Cycle) with Grade A⁺ and CGPA 3.51 by NAAC



DEPARTMENT OF PHYSICS

Topic: Basics of Physics
Participants: I B.sc Physics (2023 - 2026)
Date: 17.07.2023
Time: 10:00 am to 11:00 am
Faculty: Mrs. M. Hemalatha
Assistant Professor
Department of Physics
E.M.G Yadava Women's College

Mrs.R.kayalvizhi
Head of the Department

Dr(Mrs.)V.Pushpalatha
Principal(i/c)

E.M.G. YADAVA WOMEN'S COLLEGE, MADURAI - 625 014.
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DEPARTMENT OF PHYSICS
I YEAR PHYSICS (2023-2024)
ENTRY LEVEL TEST

STUDENT NAME: P. Ruthraa DATE: 17/7/23
(25X1=25)

CHOOSE THE BEST ANSWER:

- Which of the following is NOT a fundamental force in physics? Strong nuclear force
a) Gravity b) Electromagnetism c) Strong nuclear force d) Friction
- The SI unit for measuring electric current is Ampere
a) Ampere b) Volt c) Ohm d) Watt
- Which of the following is an example of a scalar quantity? Distance
a) Velocity b) Force c) Distance d) Acceleration
- Atom bomb is based on the principle of Chemical reaction
a) Nuclear fusion b) Nuclear fission c) Chemical reaction d) none of these
- The process of a liquid changing into a gas is called Evaporation
a) Evaporation b) Condensation c) Sublimation d) Melting
- The force that opposes motion between two surfaces in contact is called Tension
a) Friction b) Tension c) Gravity d) Inertia
- The acceleration due to gravity on Earth is approximately 9.8 m/s^2
a) 9.8 m/s^2 b) 3.0 m/s^2 c) 6.7 m/s^2 d) 1.5 m/s^2
- Which of the following is NOT a type of simple machine? Magnet
a) Lever b) Pulley c) Screw d) Magnet
- The process of a solid changing directly into a gas without passing through the liquid state is called Sublimation
a) Sublimation b) Evaporation c) Condensation d) Freezing
- The resistance of an object to changes in its state of motion is known as Momentum
a) Inertia b) Momentum c) Acceleration d) Force
- The bending of light as it passes through a medium with different optical density is called Refraction
a) Reflection b) Refraction c) Diffraction d) Dispersion

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DEPARTMENT OF PHYSICS
I YEAR PHYSICS (2023-2024)
ENTRY LEVEL TEST

STUDENT NAME: D. Deepa, Divyashree J. Physics DATE: 17/7/23
(25X1=25)


CHOOSE THE BEST ANSWER:

- Which of the following is NOT a fundamental force in physics? Friction
a) Gravity b) Electromagnetism c) Strong nuclear force d) Friction
- The SI unit for measuring electric current is Ampere
a) Ampere b) Volt c) Ohm d) Watt
- Which of the following is an example of a scalar quantity? Distance
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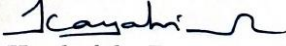
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Student participants:

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Entry Level Test on Basics of Physics - 17.07.2023			
S.No.	REGISTER NO.	NAME	DEPARTMENT
1.	23PHY01	G.ARCHANA	PHYSICS
2.	23PHY02	D.BHAVANI	PHYSICS
3.	23PHY03	BHUVANESWARL.B	PHYSICS
4.	23PHY04	BHUVANESWARLS	PHYSICS
5.	23PHY05	D.DEEPA DHARSHINI	PHYSICS
6.	23PHY06	L.JEYAM	PHYSICS
7.	23PHY07	V. JEYARANI	PHYSICS
8.	23PHY08	M.KARSHINI	PHYSICS
9.	23PHY09	N. MADHANA	PHYSICS
10.	23PHY10	T.NISHALINI	PHYSICS
11.	23PHY11	S.PRIYA	PHYSICS
12.	23PHY12	G.REGA	PHYSICS
13.	23PHY13	G.RENUGA	PHYSICS
14.	23PHY14	P.RUTHRA	PHYSICS
15.	23PHY15	M.SAKTHIDEVI	PHYSICS
16.	23PHY16	P.SANTHINI	PHYSICS
17.	23PHY17	T.SHIVALI	PHYSICS


Coordinator:


Head of the Department


Principal
PRINCIPAL I/C
E.M.G. YADAVA WOMEN'S COLLEGE
MADURAI-625 014