CHISHAND CONTINUES CONTINU

CHRISTIAN SOCIAL SERVICES COMMISSION

An Ecumenical Body of Tanzania Episcopal Conference and Christian Council of Tanzania

P.O. Box 9433, Dar es Salaam, Tanzania

CSSC-SOUTHERN ZONE FORM FOUR JOINT EXAMINATION ACTUAL PRACTICAL A

031/2B

1.

PHYSICS 2B MARKING SCHEME

August , 2025

(9)	Table	of	results
9			

Time + (sec)	Penad T (to) sec	72(sec)2
24.22	2.422	5.8661 15mg
22-38	2-238	5.00 86 12 mail
20-28	2-028	4.1280 12ml
18.31	1.831	3.3526 1 Suk
15.84	1.584	2-5091 1 2mk
12.91	1.291	1-6667. Line
	24.22 22.38 20.28 18.31 15.84	18.31 1.831 15.84 1.584

(ii) Slope =
$$\Delta T^{2} (ee^{2})$$

$$= \Delta L(cn)$$

$$= (5.6-2)$$

$$= (133-48)$$

$$= 0.0423$$

$$\approx 0.045\%$$

-. The slope is 0.0452/cmfl nek

h (iii) from
$$7^{2} = (2x \sqrt{3})^{2}$$
 (Jonet)

 $7^{2} = 47 \sqrt{2} \frac{1}{9}$
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 $7^{2} = 47 \sqrt{2} \frac{1}{9}$
 $9 = 47 \sqrt{2}$
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1.

The physical meaning of g mean)

the acceleration due to gravity

of a Free Falling boody. (Inch)

of a Free Falling boody. (Inch)

Sources of every

Large chippenment of angle

Free reaction by his

Precautions

Avoid windy areas (close doors and)

or the angle of displacement should be (or wind)

as small as possible

of froper timing of stop witch when southing

(h) (v) Two effects of g.

* It defermines the weight of an object on the earth's surface which varies with the distance from the Earth's centre

It causes object to fall towards
the Earth's centre. eg water Flows
down the slope due to granty.

2. of results (c) 1/16-R(2) I(A) Druke) 1 1.5 0-67 1.00 1.25 0.8 0.6 1.67 0.5 2.00 Total 10 Males (d) (The graph of \$4(42) against R Ice the gaph behind

(ii) Leaving surfer on for a long time Way of minimizing (i) make are all connection are (Bruk) tright (ii) Readings should be taken fast my out and immediately to avoid running out of the battery. The aim of the exiperiment'y To determine the emit and (Mark) Tenternal resustance of the cell.



