

GENERAL CERTIFICATE OF EDUCATION BOARD
Technical and vocational Education Examination

JUNE 2024

INTERMEDIATE LEVEL

Specialty Name and Acronym	AUTOMOBILE REPAIR MECHANICS (ARM)
Subject Title	ELECTRICAL AND ELECTRONIC TECHNOLOGY
Subject Code	5135
Paper No	3

ADVANCE INFORMATION TO CENTRES

PART I: FAULT TRACING

Material estimate per candidate for fault tracing, repairs and measurements

S/N	DESIGNATION	QTY	U.P	Amount
1	Headlamp bulb	1	1,000	1,000
2	Lighting switch	1	500	500
3	Fuse	1	200	200
4	Wiring cables	2meters	250	500
5	Hand rag	1	100	100
6	Scotch tape	1	300	300
7	Sand paper	1sheet	100	100
GRAND TOTAL				2,700frs

PART II: REPAIRS AND MEASUREMENTS

Nº	List A	List B
1	Starter motor	Battery
2	Wiper motor	Relay
3	Alternator	Flasher unit
4	Electric window motor	alternator
5	Ignition distributor	Battery

List of material needed for repairs:

- 1-Electric fuel pump
- 2-Wiper motor
- 3-Starter motor
- 4-Electric window motor
- 5-Ignition distributor
- 6- A complete vehicle with a carburetor operated engine.
- 7- A complete vehicle with petrol injection engine.

List of material needed for measurement:

- 1-Relays
- 2-Ignition coil.
- 3-Flasher unit
- 4-alternator
- 5-Battery