

Addenda

Automobile Mechanics 5692

Program Analysis Tables and Tables of Specifications

Please replace the former Program Analysis Tables and Tables of Specifications of **Module 9 – Basic Electrical and Electronic Circuits** of the *Automobile Mechanics* program, with the enclosed tables.

PROGRAM:

Automobile Mechanics

CODE:

841 695

MODULE:

9 – BASIC ELECTRICAL AND ELECTRONIC CIRCUITS

PROGRAM ANALYSIS TABLE

TABLES OF SPECIFICATIONS

PROGRAM ANALYSIS (BEHAVIOURAL OBJECTIVE)

PROGRAM: Automobile Mechanics

CODE: 841 695

MODULE: 9 – BASIC ELECTRICAL AND ELECTRONIC CIRCUITS

EXPECTED BEHAVIOUR: To analyze problems related to basic electrical and electronic circuits

POSSIBLE FOCUSES	Ln. %	Eval. %	OBSERVABLE ASPECTS OR THEMES OF KNOWLEDGE	P* or T
A. Distinguish among the types of basic electrical and electronic circuits and their components.	25	-	<ul style="list-style-type: none"> Different types of circuits. Specific characteristics of the components. 	
B. Explain the operation of basic electrical and electronic circuits.	25	50	<ul style="list-style-type: none"> Specific characteristics of direct current in a conductor wire. Explanation of Ohm's law. Accuracy of calculations. Specific characteristics of the battery and of the other circuit components. Operation of a relay. 	T T
C. Recognize foreseeable anomalies in basic electrical and electronic circuits.	10	-	<ul style="list-style-type: none"> Main foreseeable anomalies. Effect of anomalies on the operation of the circuit. Choice of diagnostic methods. 	
D. Assess the condition of different types of basic electrical and electronic circuits.	15	40	<ul style="list-style-type: none"> Use of the appropriate instruments. Interpretation of results. Interpretation of voltage drops. 	P
E. Interpret diagrams and drawings of basic electrical and electronic circuits.	25	10	<ul style="list-style-type: none"> Location of drawings and diagrams in the technical documentation. Operation of circuits and correct interpretation of diagrams. Identification of the path of the current. 	T

TABLE OF SPECIFICATIONS - PRACTICAL EXAMINATION

PROGRAM: Automobile Mechanics

CODE: 841 695

MODULE: 9 – BASIC ELECTRICAL AND ELECTRONIC CIRCUITS

EXPECTED BEHAVIOUR: To analyze problems related to basic electrical and electronic circuits

Evaluation Focuses	Str.*	Observable Aspects	Wgt. %	Criterion Components	Wgt. %
D. Assess the condition of different types of basic electrical and electronic circuits.	PT	1. Use of the appropriate instruments.	40	1.1 Accurate readings of intensity on an electronic circuit. 1.2 Accurate readings of voltage on an electronic circuit. 1.3 Accurate readings of resistance on an electrical circuit. 1.4 Accurate readings of intensity on an electrical circuit. 1.5 Accurate readings of voltage on an electrical circuit.	10 5 10 10 5

* Evaluation Strategy: process (PS) or product (PT) evaluation