

MOTOR VEHICLES LITERACY MAT



YOU WILL

Synoptic test- practical task to establish component and component interaction.

Be able to understand a process.

EXAM COMMAND WORDS

- **Describe**-give a detailed account
- **Identify**-recognise, prove something
- **Explain**-describe, giving reasons and probable causes
- **State**-give a short meaning
- **Outline**-give one or more main points
- **Discuss**-explain the point, state advantages and disadvantages
Give a reason for- use **BECAUSE** in your answer
- **Analyse**-why have you said what you have said.
Can you expand on your answer and reasons why?

KEY TERMS

Environmental Awareness - An awareness of the work place and the laws that impact on the working environment.

Communication-understanding different methods of work place communication.

Scientific and Mathematical principles- understanding how materials behave under certain applications

Legislation-legal instructions and work place laws.

Regulations-boundaries that you are required to look within. Laws that are put in place for your own and others protection.

Orthographic drawing-a drawing that displays all relevant sides and views, allowing all information to be displayed.

LEGISLATION

PPE-Personal protective equipment-2002

COSHH –Control of substances hazardous to health-2002

RIDDOR-Reporting of injuries, disease and dangerous occurrences-1995

HSE-Health and safety executive

HASWA-Health and safety at work act-1974

PUWER-Provision and use of work equipment -1998

Manual handling operations regulations-1992

MATERIAL DEFINITIONS

- **Strength**-Ability to support heavy loads.
- **Brittleness**-Breaks suddenly without noticeable distortion
- **Dielectric Strength**-Resists the flow of current or heat
- **Conductivity**-Conducts heat or current easily
- **Hardness**-Resists scratching or deforming
- **Ductility**-Ability to be drawn out like wire
- **Malleability**-Ability to be hammered formed into shape
- **Elasticity**-Returns to original shape after loading
- **Toughness**-Resists repeated bending or shock loading
- **Plasticity**-Maintains shape after loading