



DIRECTORATE FOR LIFELONG LEARNING

FINAL ASSESSMENT

3rd October 2013

HEALTH & SAFETY MQF1

TIME:

DURATION: 2 HOURS

Name: _____

ID Card No: _____

SECTION A – ANSWER ALL QUESTIONS IN THIS SECTION (1 MARK EACH)

1. Which type of accident is out of context?
 - Electrical accident
 - Car accident
 - Mechanical accident
 - Non-Mechanical accident
2. Electricity can be supplied nowadays to our homes by:
 - Copper cables
 - Nylon cables
 - Stainless cables
 - Aluminum cables
3. What is the colour of the live wire in a plug?
 - Red
 - Green
 - Brown
 - Black
4. What is the colour which represents the neutral point in the new system?
 - Blue
 - Black
 - Green
 - Red
5. The earth wire's colour in an electrical system is:
 - Green
 - Yellow
 - Striped green/yellow
 - Blue
6. Which material is used as an insulator?
 - Wood
 - Silver
 - Copper
 - Tin
7. One of these materials is not a conductor:
 - taughnon (nylon)
 - Copper
 - Iron
 - Aluminum
8. Earth wire is used in electricity to:
 - Increase the flow
 - To pick up a fault

- To by-pass a fault to earth - Decrease the flow of electricity
9. Plugs are provided with fuses. What is the function of a fuse?
- To supply the flow from an outer source
 - To bridge the supply to the appliance
 - To cut the supply in case of an over- loading
 - To minimize the flow of the current
10. What is the draw-back of using extension cords?
- It minimizes the flow
 - It prevents shocks
 - It can be over-loaded if kept in a coil form
 - It can supply more amps
11. An electric shock can be caused by:
- Frayed cables - Well insulated cables
 - Over-loaded current - Short- circuit
12. Circuit- breakers are installed to:
- Provide good flow - Trip-off when excessive current occurs
 - Save lives - Increase the out-put flow
13. What can cause an over-load in electricity?
- Over heating of wires - High voltage
 - Low voltage - A short circuit
14. Water is a dangerous element in electricity, because it is considered to be:
- A good conductor - A bad conductor
 - An insulator - A provider of a good flow
15. What is the purpose of an over load switch?
- To increase the flow of the current
 - To provide the supply
 - To cut the supply on a fault
 - To increase the efficiency of electricity
16. L.P.G. stands for.
- Load and pressure gauge - Low pressure of gas
 - Liquid pressure of gas - Liquid petroleum gas
17. What is the function of a regulator in a gas cylinder?
- To provide a constant pressure
 - To increase the flow of gas

- To contact the supply from the cylinder to the burner
- To avoid leakages of gas

18. Gas leaks can be checked by:

- Applying soapy water to the regulator
- Applying naked flame to the regulator
- Closing the regulator from outside
- Applying water to the regulator connection

19. What safety precaution should be taken when gas heaters are in a confined room?

- There should be good ventilation
- The gas cylinder should be kept away
- The gas cylinder should be incorporated within the heater
- There should be a good supply of gas

20. What principle of science is applied in lifting a load? The principle of:

- Friction
- Gravity
- Moments
- Expansion

SECTION B – ANSWER ONE QUESTION IN THIS SECTION (20 MARKS)

Write about 100 words about ONE of the following. You can answer either in Maltese or in English.

1. Mention **four common** accidents that can happen in our daily life and about what we can do to avoid them.
2. Mention at least **four** causes of traffic accidents and make four suggestions about how we can have more safety on our roads.

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