

QUESTION 1

- 1.1
- Fires
 - Injury because of protruding nails, splinters, etc.
 - People tripping over loose objects on floors
 - Objects falling from above
 - People bumping against poorly piled or badly placed materials
 - People slipping on greasy, wet or dirty floors
- (Any 3 × 1) (3)
- 1.2 An accident is an unplanned event that can result in an injury✓, the loss of life or damage to property or goods. ✓✓ (3)
- 1.3
- 1.3.1 They are switches or contacts included in a circuit to ensure safety by causing a circuit to be opened in the event of an incorrect operation.
- 1.3.2 It is a switch, which in the open position, satisfies the isolating requirements specified for a disconnecter.
- (Any 2 × 2) (4)
- [10]**

QUESTION 2

- 2.1
- Open flames
 - Heated surfaces
 - Electrical faults
 - Friction
 - Cigarettes and matches
 - Lightning
 - Static electricity
 - Chemical reactions
- (Any 5 × 1) (5)
- 2.2 A power tool requires additional power over and above manual labour. (1 × 2) (2)
- 2.3
- Clean power tools with a cloth after use.
 - Store tools in a clean, dry place.
 - Electric cords should be checked before a power tool is used.
 - Ensure that the battery is packed according to manufacturer's specification.
 - Blades and other cutting accessories should be sharp.
 - Tighten components that might have been shaken loose during operation.
 - Blow all air vents clean.
 - Lubricate according to the instructions in the user manual.
- (Any 3 × 1) (3)
- [10]**

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Tommy Ferreira



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