PRE-TECHNICAL STUDIES

SECTION A (30 marks)

Answer all the questions in this section.

1. An office manager wants to reduce fire risks from electrical faults. Which of the following actions best supports this goal?

A. Installing fire alarms in hallways

B. Keeping fire exits clear

C. Regular servicing of electrical equipment

D. Training staff in CPR

2. A worker suffers a burn on the arm from contact with a hot metal surface. What is the correct first aid step to take immediately?

A. Apply ointment and bandage tightly

B. Rub the area with a warm cloth

C. Cool the burn with running water for 20 minutes

D. Cover with dry gauze and elevate

3. An employee accidentally downloads malware from a fake software update. What preventive measure could have avoided this?

A. Installing antivirus software

B. Using a VPN

C. Encrypting the device

D. Conducting regular backups

4. A technician is assembling a computer and needs to install the component responsible for processing instructions. Which hardware should they install?

A. Read Assess Memory

B. Central Processing Unit

C. Hard Drive

D. Graphic Processing Unit

5. A graphic designer needs an input device for precise drawing and editing. Which factor is most critical in selecting the device?

A. Cost of the device

B. Accuracy and precision

C. Portability

D. Compatibility with software

6. A learner needs an output device to display educational content to a large classroom. Which device is most suitable?

A. Printer

B. Speaker