0417 and 0983
INFORMATION AND COMMUNICATION TECHNOLOGY
TOPIC MARKS SCHEME PAPER-1 SET-2
SMART EXAM RESOURCES
Unit 1.3 Operating Systems

MARKS SCHEME 1

Command Line Interface
With a CLI Instructions must be typed to get a computer to carry out an action
keyboard is used to type
Typing is key component of CLI
With CLI syntax has to be precise
Devices other than a keyboard would be less accurate when entering text

Graphical User Interface
With a GUI you just click on an icon
With a GUI icons represent applications
Separate windows are used for different pieces of work/software
With a GUI menus are offered to help choose an action
Moving a mouse enables users to manoeuvre a pointer around a screen
A mouse can be used to drag windows/icons around a screen
People with physical disabilities can use a trackerball to manoeuvre the pointer around a screen
Pointing devices are easier to control a pointer/menu selection/icon clicking
Joysticks can be used to mimic the behaviour of a mouse
Buttons on the mouse enable users to select icons
Buttons on a mouse enable users to see menus on a screen
Touchscreen can be used to directly select options from a screen   [8]

MARKS SCHEME 2

(a) Graphical User Interface or GUI   [1]

(b) An icon is a picture/image
Used as a shortcut to a program/application   [2]

(c) Click/tap on it
Use a pointer/gesture/mouse/enter key/pointing device   [1]

MARKS SCHEME 3

(a) Command line interface/CLI

[1]

(b) One from:

more difficult to edit entered commands
need to know the commands
Incorrect commands can affect the operation of the computer.
Syntax needs to be exact for the program to work.

[1]

(c) Tick whether the following statements are true or false.

	true (✓)	false (✓)
A GUI involves the use of windows and menus.	✓	
User interaction with a GUI is intuitive.	✓	
A GUI takes up a lot of memory and resources.	✓	
Users have to learn a list of system commands in order to use a GUI.		✓

[2]

4 correct answers – 2 marks
2 or 3 correct answers – 1 mark
0 or 1 correct answer – 0 marks