

# Sheet 1

## MCQ questions

- 1- Program appears after being initially loaded into the computer by a boot program.....  
a- CPU    b- OS    c- Kernel    d- GNU
- 2- Linux parts are ....  
a- Kernel                                  b- GNU & Tool Chain  
  
c- Graphical environment    d- all the above
- 3- Operating systems are composed of  
a- Application software → hardware → system software  
b- Hardware → application software → system software  
c- Hardware → system software → application software
- 4- Kernel connects to hardware as ....  
a- RAM,  
b- Processor  
c- VGA  
d- All the above
- 5- ..... used to setup applications and programs  
a- GNU & tool chain                  b- Kernel  
  
c- package manager                  d- Graphical environment
- 6- OS manages all of the ..... and.....on the computer  
a- Software & hardware    b- GNU & tool chain  
  
c- CPU & Memory                  d- Menus and Windows
- 7- Hardware requirement to install LINUX  
a- Sound card                          b- Main Memory  
  
c- a & b                                  d- applications
- 8- Kernel and graphical environment are libraires to work the applications.  
a- True                                  b- False
- 9- Graphical environment available the menus and .....  
a- Programs    b- applications    c- processor    d- windows

- 10- Applications communicate with operating system and users.  
a- True                                  b- False
- 11- Linux has drivers (software of devices as mouse , keyboard, printer, camera,..) but named as .....  
a- Packages    b- libraries    c- commands    d- modules
- 12- What permission level does a Normal user have in Linux?  
a- Full system access  
b- cannot make huge system changes  
c- can use sudo to gain root privileges  
d- can add and remove other users
- 13- Which is NOT from the types of users.....  
a- Normal    b- root    c- guest    d- privileged
- 14- Uses sudo to give the user privileges of root  
a- Normal    b- root                  c- privileged    d- a&b
- 15- has all privileges and can make any system changes  
a- root              b- Normal    c- privileged    d- a&b
- 16- The administrator account should be enough for most use cases, “**limited account**”  
a- True                  b- False
- 17- Which type of account is the default when adding a new user in Ubuntu Desktop? .....  
a- Administrator  
b- Standard (Normal)  
c- Root  
d- Guest User
- 18- .... command is used to display the current logged-in username in Linux  
a- “ ls ”    b- “ whoami ”    c- “ cd ”    d- “ fwd ”
- 19- .... requires authentication by the administrator in Ubuntu Desktop  
a- Changing the desktop wallpaper  
b- Adding new user  
c- Opening a web browser  
d- Viewing files
- 20- Which distribution is the most common and has easy support?  
a- Hydar Linux

- b- Ututo
- c- Ubuntu
- d- redhat

## **Essay questions**

- 1- Mention the LINUX parts and why use linux (mention at least 4 advantages).
- 2- Explain the differences between Normal, Privileged, and Root users in Linux, including their permissions and typical uses.