

**LA CHATELAINE JUNIOR COLLEGE  
COMPUTER SCIENCE**

**CLASS VIII    CHAPTER 7-System Configuration and Troubleshooting**

**I.    Fill in the blanks(1 mark each)**

1.    Desktop is the initial screen area that is displayed on a computer.
2.    A desktop is also called as workspace.
3.    In a computer with Ubuntu Operating System, applications can be launched from Dash/home icon.
4.    The shortcut used to lock the screen in Ubuntu OS is Ctrl+Alt+L.
5.    Help option of any application gives us most of the information that we require for configuring an application and its usage details.
6.    A Software repository is a storage location from which applications may be retrieved and installed on a computer.
7.    Privilege is a permission to perform an action.
8.    ReadOnly is the access permission where user can only view the contents but cannot modify them.
9.    Read and Write is the access permission where user can not only view the contents but can modify them too.
10. The settings option of the mobile devices manages the features like display,sound,lock screen etc.

**II.    True or False(1 mark each)**

1.    A normal user can add users. FALSE
2.    System Admin cannot install OS Softwares. FALSE
3.    Read Write permission allows users to modify the file. TRUE
4.    The permissions in a file for access by the other users or groups can have explicitly is set by the owner or System Administrator. TRUE
5.    In Ubuntu OS, System monitor is used to end an application which is not responding. TRUE

**III.    Match the following(1 mark each)**

- |                     |                      |
|---------------------|----------------------|
| 1.    Dash          | Emails [3]           |
| 2.    Normal User   | add users[5]         |
| 3.    User Backup   | databases [4]        |
| 4.    System Backup | Home icon [1]        |
| 5.    System Admin  | Printer settings [2] |

**IV.    Answer in one word/two words(1 mark each)**

1.    Name the icon in Ubuntu OS system to find applications and settings. Dash or Home icon
2.    Name the primary user interface of a computer system. Desktop
3.    What is the shortcut to lock the screen in a system with Windows? Windows Key +L

4. Where are the applications configured which start automatically after log in ? **Startup Applications**
5. Name the user role who can install softwares in a system. **System Admin**
6. In a network system, User A has created a file which another User B is only able to view the file and could not do any changes. What kind of permission is given by User A to User B?  
**Readonly**
7. How do you check the system details in a system with Ubuntu as OS? **Dash icon-System Monitor**
8. How do you call the ability of a computer to automatically configure and make a newly connected device available to the user? **Plug and Play**
9. How do you open task manager in windows OS? **Ctrl-Alt-Delete and select Task Manager**
10. In case of trouble shooting of system , where can the users get the reference from?  
**User forums**

V. **Answer in one or two sentences(2 marks each)**

1. What is an Operating System? **An Operating System (OS) is an interface between a computer user and computer hardware.**
2. Name few popular Operating Systems. **Micorsoft Windows, Apple MacOS, Ubuntu**
3. Compare the Operating systems-Microsoft Windows with Ubuntu

WINDOWS	UBUNTU
Windows operating system is developed by Microsoft.	Ubuntu operating system is developed by Canonical Ltd.
It is a closed source software.	It is an open source software.

4. How do you lock the screen in an Ubuntu OS system . **System Menu-Lock Screen**
5. Name few privileges a Standard user/Normal user can have in his login.
  - **Adjusting the sound settings**
  - **Changing screen saver**
6. Name few privileges a System Admin user can have in his login.
  - **Creating users**
  - **Installing a software**
7. Name few permissions that the owner of a file can grant to other users.
  - **Read Only**
  - **Read Write**
8. What is a backup ? Why it is important?  
**A backup is a copy of data stored in a secondary storage devices(like pen drive) or in another computer to prevent data loss.**
9. How do you trouble shoot if there is a failure in System startup?
  - **Check if the power cables are on.**
  - **If any error messages on the screen,report to system admin.**
10. What are user forums?  
**User forums are websites where users can post a message or comment on a message that is already posted.e-g: Quora,Techspot**

VI. **Answer the following in brief(3 marks each)**

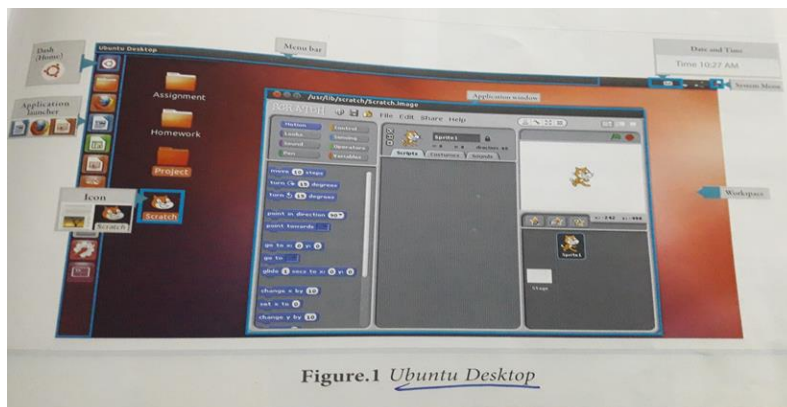
1. How do you add a shortcut of the application in the desktop of Ubuntu OS?
  - Click Dash or Home icon.
  - Write the name of the application and select its icon.
  - Drag and drop the icon to the desktop.
2. How do you add a shortcut of the application in the Application launcher of Ubuntu OS?
  - Click Dash or Home icon.
  - Write the name of the application and select its icon.
  - Drag and drop the icon to the Application launcher.
3. What does the word Privilege mean ?Give example.

A privilege is a permission to perform an action. Examples are

  - Read a file
  - Write to a file
  - Delete a file
4. How do you set permissions to a file in Ubuntu OS system?
  - Right click the file. Go to properties.
  - Choose permissions tab.
  - Select the required permissions i.e. Readonly, Read Write etc.
5. How can you do a Plug and Play of a pen drive in Ubuntu OS system?
  - Connect the external device to the computer.(Pen drive)
  - An icon representing the device appears on the application launcher.
  - It (the pen drive) appears on the list of devices and its content is displayed.

VII. **Answer the following in detail(5 marks each)**

1. Mark the following sections In Ubuntu GNOME desktop.
  - Dash or Home icon
  - Menu bar
  - Application Launcher
  - Workspace
  - Date and Time



2. How do you add an application as Startup Application in Ubuntu OS system?

- Click-System Menu –Startup Applications .
- Select Application-Click Add
- Enter Name, enter comment and click browse
- Select application(say firefox),click Add
- Application is added

3. Compare the role of Normal User vs System Admin user.

<b>Normal User</b>	<b>System Admin(SA) User</b>
There can be many normal users.	A limited number of users have System Admin role.
A normal user cannot add users.	SA users can add users.
A normal user cannot install a software.	SA user can install a software.
A normal user can only view the network settings.	A SA user can view and modify the network settings.
A normal user cannot change the Operating system settings.	A SA use can change the Operating system settings.

4. Write about User level Back up and System Level Backups.

<b>User level Backup</b>	<b>System Level Backup</b>
Backup taken by the users.	Backups taken by the System Admins.
Backup of user documents , emails etc are done.	Backup of databases, configurations of system and applications are done.
Backup is usually taken another folder/secondary storage device.	Backups are usually taken in external hard disks or duplicated on another server.
Backups are taken when the user decides to take.	Backups are taken periodically.
User backups are important in view of the user's privacy and maintenance of data.	Backups are more critical in view of System functioning as a whole.

5. How can you troubleshoot if an application is running slowly on your computer?

- Close and relaunch the application.
- Update the application to the latest version.
- If the app freezes, use the task manager to close the application and then relaunch it.
- Scan the computer using a antivirus software.
- Free up disk space by deleting unnecessary files.

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