# **NIELIT Gorakhpur**

Course Name: O Level (2nd Sem)Subject: ICTTopic: Maintenance activitiesDate: 02-04-20

#### **Maintenance of CPU Cabinet:**

- Must be kept on a stable platform.
- Must be provided with stable power supply.
- Should be kept away of dust and moisture.
- Should be disassembled and reassembled once in a year.
- Must not have any rolling screw inside.
- Must have proper insulation between its inner components.

#### Maintenance of Display device/Monitor:

- Must be kept on a stable platform.
- Must be provided with stable power supply.
- Should be kept away of dust and moisture.
- Should be cleaned mildly as a harsh touch can damage the LCD displays.

### Maintenance of Keyboard/Mouse:

- Should be kept away of dust and moisture.
- Should be cleaned with a brush at least once in a week.
- Must be wired properly to the machine. PS/2 ports need more care.
- Should not be used ruthlessly as keys may go stuck.
- A proper pad should be used for the mouse.

### Maintenance of HDD/CD drive/DVD Drive:

- Should be screwed properly in the mounting rack of cabinet.
- Power cable must not be loose.
- SATA or PATA connectivity must be checked regularly. PATA needs more care since no. of pins is 40.
- Should not be formatted frequently.
- Should be cleaned with a brush at least once in a week.
- A lens cleaner should be used for cleaning the lenses of CD/DVD Drives.

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#### **Maintenance of UPS:**

- Must be kept on a stable platform.
- Must be provided with stable power supply.
- Must be added to the main power even when in use.
- Deep discharge must be avoided.
- Overload must be avoided.

## **Assignments:**

- **1.** Why do we need maintenance of out computer system?
- **2.** List out some tips for maintenance of CPU cabinet.