) State the purpose of Network Interface and

Notwork Interface and (NICI is a hardware component that is present on the computer. It is used to connect different networking devices such as computers & servers to shore data over the connected networks. NI( is important for us to establish a wired or wireless connection over the nowak It is also known as network adapter or Chernet card.

a where Network Interface card is placed in computers.

Notwork Interface cards are plugged directly into motherbood either located near the USB ports on back or plugged into PCIE port.

3) state different parameters on the basis of which NIC classified

the NIC con be classified based on various parameter such as

1) connection Medium:

- Wired NIC: - These are used for wired networks typically
to connect Ethernet

- Wirdess NIC: - These are used for wirders wedworks of connecting using witi, budooth ore

2) Data transfer speed: - 10 Mbps 100mbps . 1696ps . 1666

3) Bus type: - . USB . PCI . PLIE . FLA

4) Dupleying Mode :-

- Half duples: - NIC can either send or receive data at porticular time

- Full duplex: - WIC con send & raceive data simultaneously

s) Number of Ports:-

· Single part NICS

· Multiple port NICS

- Common interfaces mainly include Ethern & RJ-45 interface thin coarial able BNC interface & thick coarial a interface | FDDI interface &c.
- s) How to check conder whatever network Interface come is successfully installed or not

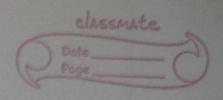
Motorice Manager then network adapter,
Network adapter / Ethernol cord & right click & solect
properdies in general tab under device Status seeit
it's working.

1) what is difference between MAC adress & IP adress

The main difference between MAC & IP advers is that Address is used to ensure the physical advers at the computer. It uniquely identifies the devices on a network while IP adverses are used to uniquely identifies the connection of the network with that device today part in a network

A computer MAC address: 62:45:20:65.02:15 another
first three & remaining three blocks

The first 3 blocks or 6 digits of MAC advess identify the manufacturer called out corgonizational Unique Identifier) The other 6 digits represent the notwork interface controller assgind by many violators



8) Is it possible to replace NIC cord! If yes then how?

Yes it is possible to replace NIC cood in system depending upon type of system of NIC cood in system for remove the power control Remove the NIC covetally, install the new NIC.

Recconnect the power cobject. Install the newsory

divicis for the NIC which CD/DVD coming with

NIC & Check if NIC is installed or not

13/23