PON VIDYASHRAM GROUP OF SENIOR SECONDARY SCHOOLS

CLASS – VI COMPUTER SCIENCE NOTES NOVEMBER

Chapter – 7 Cloud Computing

A. Tick () the correct option.

1. Which of the following does not provide cloud computing services?

(c) W3schools

2. Which of the following is a type of cloud?

(c) Both (a) and (b)

3. Which of the following is a feature of Google Drive?

(c) Both

4. Which of the following is required to access Google Drive?

(a) Gmail account

B. Fill in the blanks.

1. It is easier to get back-up and restore that data using the **cloud.**
2. **Cloud computing** allows to use the software without installing on a computer.
3. To access Google Drive, you need a **Gmail** account.
4. The **private** cloud is also known as **International cloud**.

C. Write 'T' for true and 'F' for false for the following statements.

1. Cloud computing is used to connect computers. **F**
2. Google does not provide cloud computing services for free. **F**
3. You can upload a file of any size on Google Drive. **T**
4. You can also create spreadsheet documents using google Drive. **T**

D. Short answer questions.

1. What is a cloud?

Ans: The term "Cloud" came from a network design of cloud computing. It was used by Network engineers to represent the location of various network devices and their Interconnection.

2. Give three examples of cloud computing services.

Ans: The three services of cloud computing services are:

➢ Developing new applications and services

➢ Storage, backup, and recovery of data

➢ Hosting blogs and websites

3.Which documents you can create using Google Drive?

Ans: Given below are the types of files you can create, store and share on Google Drive:

➢ Documents

➢ Presentations

➢ Drawings

➢ Forms

➢ Spreadsheets

4.Give any two disadvantages of Google Drive.

Ans: The two disadvantages of Google Drive are:

➢ Internet Connection: As you know, in cloud computing, every data (image, audio, video, etc.) is stored in the cloud, and we access these data through the cloud by using an internet connection. If you do not have good internet connectivity, you cannot access the data.

➢ Limited Control: As we know, cloud data is completely owned, managed, and monitored by the service provider, so cloud users have less control over the function and execution of services within a cloud infrastructure.

E. Long answer questions.

1. Explain the types of clouds.

Ans: The main four types of clouds are:

➢ **Public Cloud:** This cloud is open to all to store and access information via the Internet using the pay-per-usage method. In the public cloud, computing resources are managed and operated by the Cloud Service Provider (CSP).

➢ **Private Cloud:** Private cloud is also known as an internal cloud or corporate cloud. It is used by organizations to build and manage their own data centres internally or by a third party.

➢ **Community Cloud:** It allows systems and services to be accessible by a group of several organizations to share information between the organization and a specific community.

➢ **Hybrid Cloud:** A hybrid cloud is a combination of the public cloud and the private cloud. A hybrid cloud is moderately secure because the services which are running on the public cloud can be accessed by anyone.

 Examples of hybrid cloud are Google Application Suite, Office365, and Amazon Web Services.

2. What is Google Drive? Explain its features.

Ans: Google Drive is one of the most popular cloud storage services available today. It helps you to store files online and access them anywhere using the cloud.

Types of files you can create, store and share on Google Drive:

- Documents
- Spreadsheets
- Presentations
- Forms
- Drawings

The features of Google Drive are:

- It allows users to create documents, sheets and slides.
- You can share links for files and folders uploaded on Google Drive with other users if the file size is big.
- You can also convert Microsoft Word documents into Google Docs format, PDF or vice versa using Google Drive.
- To access Google Drive, you need to have a Gmail account.

3. How you can create a document file on Google Drive?

Ans: Follow the steps given below to create a new file:

Step 1: Locate and select the New button.

Step 2: Then choose the type of file you want to create.

Step 3: The untitled new file will appear in a new tab on your browser.

Step 4: Click on the Untitled document in the upper left corner.

Step 5: A cursor will appear here you can type the new name for your document. The file will be renamed.

4. Write the steps to share files/folders on Google Drive.

Ans: The steps to share a file/folder on Google Drive are:

Step 1: Select the file you want to share. Click the Share option that appears on the top right hand side of the toolbar menu.

Step 2: Enter the e-mail addresses of the users with whom you want to share the files.

Step 3: Select the type of access you want to grant to the user.

Step 4: You can also add instructions or type a message for the user in the Message box and

Step 5: click Send to share access to the selected file.