

SATISH CHANDRA MEMORIAL SCHOOL

CLASS WORK Class 5 — Computer Science

Teacher: Debanjan Sir

Chapter 2: Internet and Email

COMPREHENSIVE CLASSWORK & ACTIVITY SOLUTIONS

A. Fill in the Blanks

1. The Internet is a vast network of **computers** connected to each other all around the world.
2. To use the Internet, you need a device, a **modem** or router, an Internet Service Provider, and a **web** browser.
3. **Dial-up** is an older type of internet connection that uses a telephone line and a modem.
4. A **search engine** is a special website that helps you find information on the Internet.
5. **Subject** is a brief and concise summary of the e-mail's content. It helps recipients understand the purpose or topic of the e-mail at a glance.

B. Write T (True) or F (False)

1. Mobile internet uses telephone lines to provide internet access. — **F (False)**
2. Hotspots are always secure for accessing sensitive information like online banking. — **F (False)**
3. An e-mail address has two main parts: the username and the domain name. — **T (True)**
4. You can add multiple e-mail addresses in the "To" field by separating them with semicolons. — **T (True)**
5. CC stands for Carbon Creation. — **F (False — CC stands for Carbon Copy)**

C. Answer the Following Questions

1. What is a web browser? Give two examples.

Answer: A web browser is a software application used to access and view websites on the Internet.

Examples: Google Chrome, Mozilla Firefox (or Apple Safari, Microsoft Edge).

2. Explain the difference between Cc and Bcc in an e-mail.

Answer:

- **Cc (Carbon Copy):** Recipients in this field receive a copy of the email, and their email addresses are visible to all other recipients.
- **Bcc (Blind Carbon Copy):** Recipients in this field receive a copy, but their email addresses are hidden from all other recipients.

3. What are three advantages of using e-mail?

Answer:

- **Speed:** Messages are delivered almost instantly anywhere in the world.
- **Cost-effective:** It is free or very cheap to send messages compared to traditional mail.
- **Convenience:** You can attach files (documents, images) and send a single message to multiple people at once.

4. What is the purpose of the subject line in an e-mail?

Answer: The subject line gives a brief summary of the email's topic, helping the recipient quickly understand what the email is about before opening it.

5. Explain the different components of an e-mail address.

Answer: An email address consists of two main parts separated by an @ symbol:

- **Username:** Unique name chosen by the user (e.g., john.doe).
- **Domain Name:** The email provider's server address (e.g., gmail.com).

D. Match the Terms with its Description

Term	Description
Broadband	Faster than dial-up and always on
Wi-Fi	Requires a router to create a network in a specific area
Hotspots	Public Wi-Fi access point found in places like cafes and airports / Uses radio waves to provide internet access
Mobile	Uses mobile phone networks (3G, 4G, 5G)
Wireless	Uses radio waves to provide internet access

E. Apply Your Knowledge

1. Sarah wants to send an e-mail to her teacher and also inform her classmates about a project deadline. How should she use the e-mail fields (To, Cc, Bcc) to do this appropriately?

Answer:

- Put the **Teacher's email address in the 'To' field** (primary recipient).
- Put the **Classmates' email addresses in the 'Cc' field** (secondary recipients who need to stay informed).

2. John is using a public computer at the library to check his e-mail. What precautions should he take before and after using the computer?

Answer:

- **Before:** Do not save passwords or personal info; use private/incognito browsing if available.
- **After:** Uncheck "Remember me," log out of the email account completely, and clear the browser's history and cache before leaving.

Skills in Action — Internet Connection Mystery Quiz!

1. I use a telephone line and make a distinctive sound when connecting. — **Dial-up**
2. I am faster than dial-up and don't interrupt phone calls, with DSL and cable types. — **Broadband**
3. I provide wireless internet within your home or office using a router. — **Wi-Fi**
4. I use mobile phone networks for internet access on the move and depend on your location. — **Mobile Data (Cellular Network)**
5. I am a public Wi-Fi access point found in places like cafes and airports. — **Hotspot**

More on PowerPoint

STD 5 • TEXTUAL EXERCISE & APPLICATION SOLUTIONS

A. Fill in the Blanks

1. PowerPoint 2021 is a software from **Microsoft** used for creating presentations.
2. We can add **text**, **images**, and **videos** (or *audio*) to our PowerPoint slides.
3. The four types of animations in PowerPoint are: **Entrance**, **Emphasis**, **Exit**, and **Motion Paths**.
4. **Presenter** View allows us to see our speaker notes while the audience sees only the slides.

B. Write T (True) or F (False)

1. PowerPoint 2021 can only be used for school projects. — **False**
2. We can add audio and video to our PowerPoint presentations. — **True**
3. SmartArt is a feature used to create special text effects. — **False** (*WordArt is used for special text effects; SmartArt creates visual graphics/diagrams*)
4. We can create custom slide layouts in PowerPoint 2021. — **True**

C. Answer the Following Questions

1. What is WordArt used for in PowerPoint?

Answer: WordArt is used to add decorative and special text effects (such as shadow, glow, or curved text) to make titles or key text stand out.

2. Name two uses of PowerPoint 2021 for students.

Answer:

1. Creating school project presentations.
2. Making visual book reports or interactive quizzes for classmates.

3. What does the Trim option do when applied to an audio file in PowerPoint?

Answer: The Trim option allows you to cut or shorten an audio clip by selecting specific start and end times, so only the selected portion plays during the presentation.

4. What are the benefits of using Presenter View?

Answer: Presenter View allows the presenter to see their speaker notes, upcoming slides, and a presentation timer on their monitor while the audience views only the full-screen slideshow on a second display.

5. How can you quickly duplicate a slide in PowerPoint?

Answer: Right-click on the slide in the slide pane and select **Duplicate Slide** (or select the slide and press **Ctrl + D** on the keyboard).

D. Match the Terms with its Description

Term	Correct Matching Description
Entrance Animation	Introduces elements onto the slide
Exit Animation	Makes elements exit the slide
Emphasis Animation	Highlights specific elements
Motion Path	Moves objects along a specific path
SmartArt	Creates diagrams and charts

E. Apply Your Knowledge

1. Imagine you are making a slideshow of your family's holiday photos. How would you use transitions and animations to make it more engaging?

Answer: I would use smooth **Transitions** (like Fade or Push) between slides to create a flowing photo album feel. I would apply subtle **Entrance Animations** (such as Zoom or Appear) on individual photos or captions so they pop up one by one as I talk about them, keeping the audience focused.

2. Your teacher asks you to create a simple quiz for your classmates using PowerPoint. Describe how you would design it using the features you have learned.

Answer:

- **Slide Structure:** Create one slide for each question with multiple-choice options.
- **WordArt:** Use bold WordArt for the question titles to make them clear and fun.
- **Animations & Shapes:** Add interactive buttons/shapes for answer choices, using **Entrance** or **Emphasis** animations to highlight the correct answer when clicked.
- **Audio:** Add quick applause or cheerful sound effects for correct answers to make it interactive.