



Al Dhafra Private Academy..
Performance Task 1
Week 6; Term 1

18

30

Name: Ahmed. Hamad Date: 30.9.24 Grade/Section: 10 (A/B/C)

Domain	Standards	Questions	Marks
Computing Systems / Graphics and Visualization	9-12.CS.3 / 9-12.IC.23 / 9-12.IC.24	1-4	/20
	9-12S.DA.7	5-6	/10

1. **Choose the correct answer:**

[5 Marks , 1 mark each]

1) What should be the first step to take when troubleshooting a problem?

- a) Implement the solution
- ☒ b) Identify the problem
- c) Identify the cause
- d) Plan and test the solution

2) Which of the following can be a cause of slow computer performance?

- a) Insufficient disk space
- b) Malware
- c) Outdated software and drivers
- ☒ d) All of the above

3) What is the primary purpose of using Google Drive in the context of online collaboration?

- a) To conduct virtual meetings
- ☒ b) To store and share documents, files, and project-related materials
- c) To enable real-time text chat
- d) To manage project tasks and deadlines

4) In Google Docs, how can you notify a specific person to check a comment?

- ☒ a) By tagging them using @ followed by their email address
- b) By mentioning them in the comment
- c) By sending them a separate email
- ☒ d) By tagging them using # followed by their name

5) How can you schedule a Google Meet in advance?

- ☒ a) By creating an event in Google Calendar and adding a Google Meet link
- b) By sending an email invitation to participants
- c) By creating a shared Google Drive folder for the meeting
- d) By starting a group chat in Google Chat

2. Fill in the blank with the correct words from the word bank: [5 Marks , 1 mark ea

Simplest	Identify	Hypothesis	Documenting	2
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- a) The first step in systematic problem-solving is to Identify the problem clearly.
- b) After identifying the problem, the next step is to establish a hypothesis about the cause.
- c) When proposing solutions, it's best to start from the Simplest and progress to more complex ones.
- d) If a solution doesn't work, you should return to Step 2 and develop new hypotheses.
- e) Documenting the process is essential and should be maintained throughout the problem-solving effort.

3. Write True or False for each sentence:

[5 Marks , 1 mark each]

- a) Google Drive allows multiple users to upload and edit files simultaneously in real-time. (✓)
- b) It is not possible to leave comments on documents in Google Drive for team members to review later. (✗)
- c) Only the owner of a Google Drive file can share it with others, limiting collaboration opportunities. (✗)
- d) Once a file is uploaded to Google Drive, it cannot be organized into folders for easier management. (✗)
- e) Google Drive includes features that enable users to chat and communicate in real-time while working on shared documents. (✓)

4. If you have a problem with transferring a file using Bluetooth technology. Create a flow chart and troubleshooting guide to solve this problem. [5 Marks , 1 mark each]

Start and end shapes	1
Use of Appropriate Symbols	1
Clarity of Logic/Process	1
Completeness	1
Organization	1

5. You are given an old family photo that needs restoration.

Using GIMP, follow these steps to enhance and restore the image:

[5 Marks , 1 mark each]

1. Select the old, torn edges using the **Free Select tool** and carefully remove them.
2. Use the **Old Photo** filter to give the image a vintage feel.
3. Adjust the colors using the **Color Balance** tool to improve the overall tone of the image.
4. **Rotate** the image slightly to align it properly.
5. Finally, apply the **Oilify** filter to smooth out rough textures and give the image a clean, artistic look.

6. Create a digital artwork based on a magazine cover using GIMP. Complete the following tasks:

[5 Marks , 1 mark each]

1. Apply the **Newsprint** effect to the background to mimic a printed texture.
2. Use the **GIMPressionist** tool to create a brush stroke effect around the cut-out object.
3. Apply the **Apply Canvas** filter to add a textured canvas look to the entire composition.
4. Enhance the colors of your composition using the **Color Enhance** tool to make them more vibrant.
5. Save your work as an image with name Book Cover after.png

I can perform systematic troubleshooting.	Fully	Partially	struggling
I can check the compatibility for new hardware or software.	Fully	Partially	struggling
I can resolve internet connectivity issues.	Fully	Partially	struggling
I can collaborate with Google Drive	Fully	Partially	struggling
I can collaborate with Google Docs.	Fully	Partially	struggling
I can design pictures with different backgrounds.	Fully	Partially	struggling
I can apply various filters on images.	Fully	Partially	struggling