1. **Answer the following questions: [11]**
2. a. Why do we add comments to the program? [1]

A yellow box with black text

Description automatically generated\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ b. What are the steps of adding a comment? [1]

1. **A poster of a computer and a computer

   Description automatically generated**Mario wants to create a database for a video game. Each record will contain information like name, number of players and game duration. He needs to decide which type of database should he use. Help Mario by writing 4 differences between physical and digital database. [4]

1. **A screenshot of a phone

   Description automatically generated**Differentiate between data and information. [2]
2. Jenny wants to know about the favourite book character of her friends. She is thinking of using forms to survey her friends. Jenny is confused whether she should use forms? Help jenny by listing down any **three** advantages and disadvantages of using forms to collect data. [3]  
   A close-up of a computer

   Description automatically generated

**II Choose the correct option.** [6]

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is used in an animation  
   (a) repetition (b) algorithm  
   (c) loops (d) Scratch jr.
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_are used in a program to repeat instructions.  
   (a) Desktop (b) Instructions  
   (c) Random (d) Loops
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_loop is where the instructions repeat forever.  
   (a) software (b) event block  
   (c) loop (d) forever loop
4. Forever loop is found under the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ group of blocks.  
   (a) Event (b) Control  
   (c) looks (d) pen
5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_is the process of finding and removing errors from a program.  
   (a) repetition (b) switching  
   (c) debugging (d) gliding
6. Raw data is \_\_\_\_\_\_

(a) Processed (b) Unprocessed  
(c) Organised (d) None of these

|  |  |  |
| --- | --- | --- |
|  | A note explaining the meaning of a program’s code | 1. Debugging |
|  | These are used in programmes to repeat instructions | 1. Repetition |
|  | the process of finding and removing errors from the program | 1. Comments |

**III) Match the following: [3]**