

Paper reference 1CP2/01
Pearson Edexcel
Level 1 / Level 2 GCSE (9 – 1)

Computer Science
PAPER 1: Principles of Computer Science

Friday 19 May 2023 – Afternoon
Time: 1 hour 30 minutes

Data Book

Surname					
Other names					
Centre Number					
Candidate Number					

Y72595A

INSTRUCTIONS

There may be spare copies of diagrams in case you need them.

**THIS DATA BOOK MUST BE
RETURNED WITH THE QUESTION
PAPER AT THE END OF THE
EXAMINATION.**

Turn over

Contents:

Page

4	Question 1 (a) (i): Table
5	Question 1 (e): Table
6	Question 2 (a): Diagram
7	Question 3 (e): Table
8	Question 4 (c): Flowchart
9	Question 4 (e): Truth table
10	Question 4 (f): Maze game
11	Question 5 (b): Original Image
12	Question 5 (f): Grid to draw a graph

Spare copies

13	Question 1 (a) (i)
14	Question 1 (e)
15	Question 2 (a)
16	Question 3 (e)
17	Question 4 (c)
18	Question 4 (e)
19	Question 5 (f)

Turn over

Question 1 (a) (i)

Table

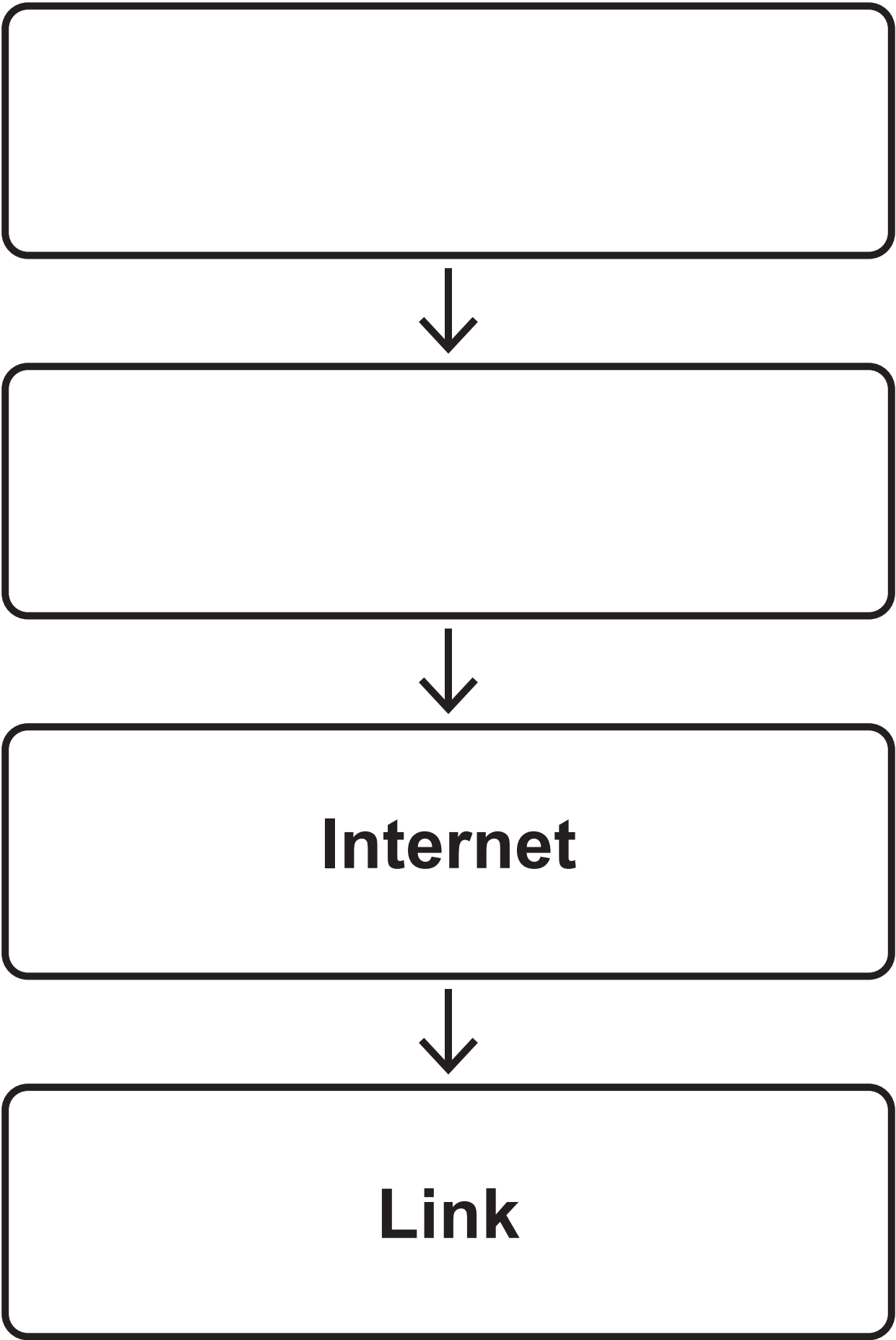
BUS	ROLE
	Carries a read signal to main memory.
	Carries the memory location of a piece of data.
	Carries an instruction from main memory to the CPU.

Question 1 (e)

Table

METHOD OF CODE REVIEW	DISADVANTAGE
By a programmer	
By an automated system	

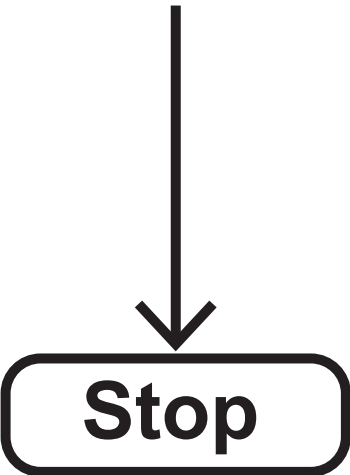
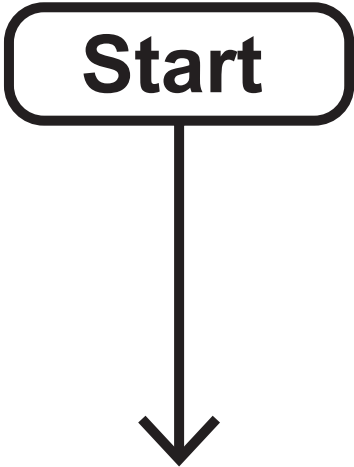
Question 2 (a)
Diagram



Question 3 (e)
Table

SITUATION	ETHICAL OR LEGAL ISSUE
An online learning platform publishes data about how students answer questions.	Consent
A teacher uses another teacher’s login to change student grades.	
A school displays closed–circuit television (CCTV) screens in a public area.	

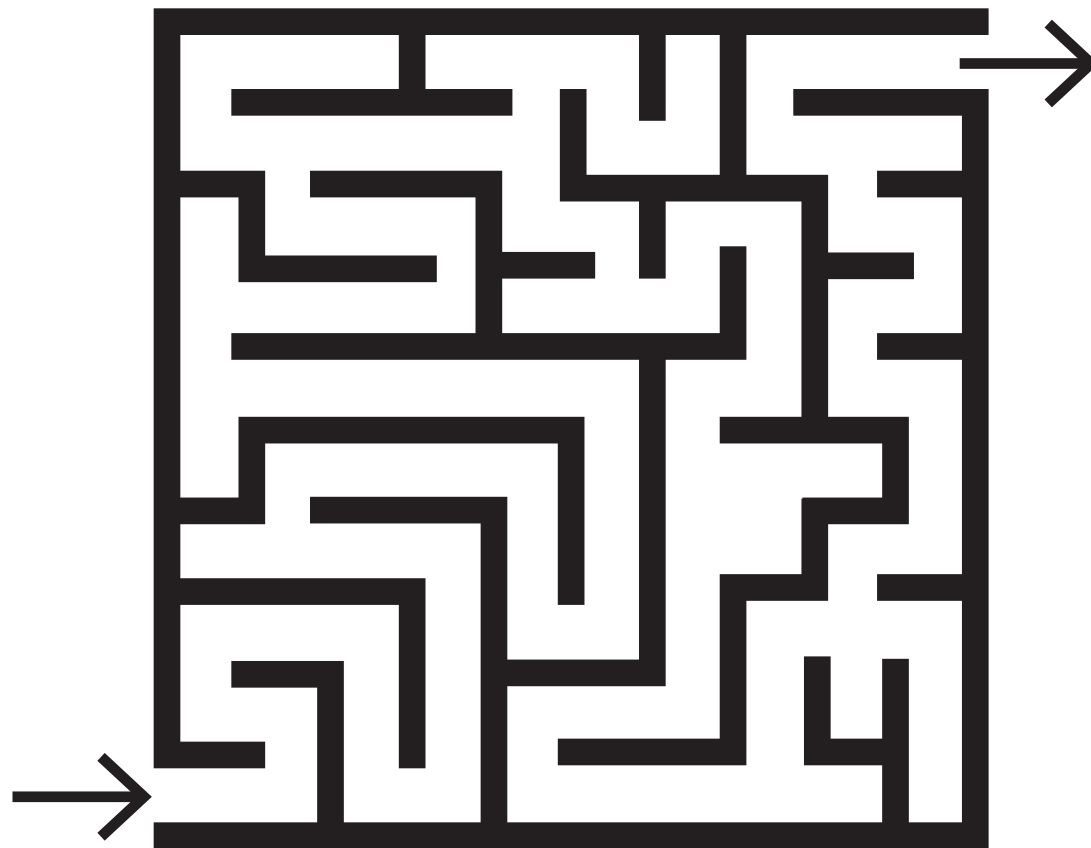
Question 4 (c)
Flowchart



Question 4 (e)
Truth table

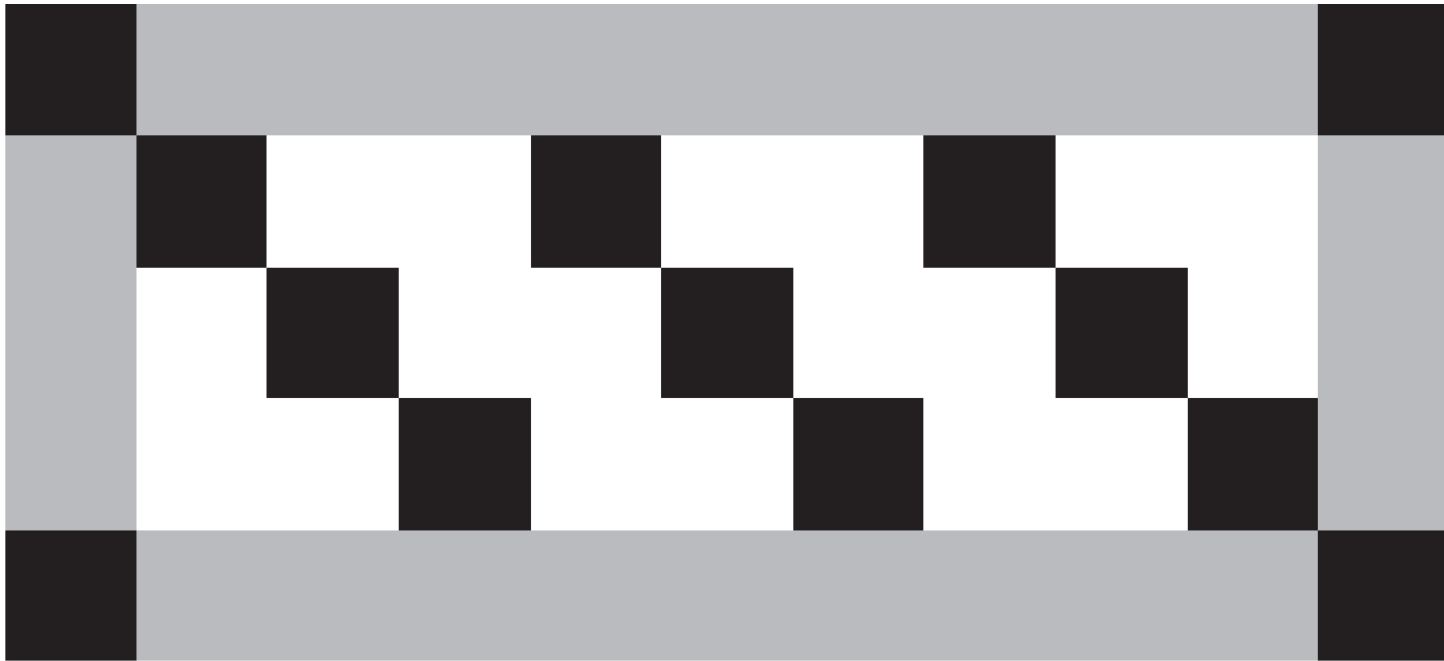
S	M	S AND M

Question 4 (f)
Maze game

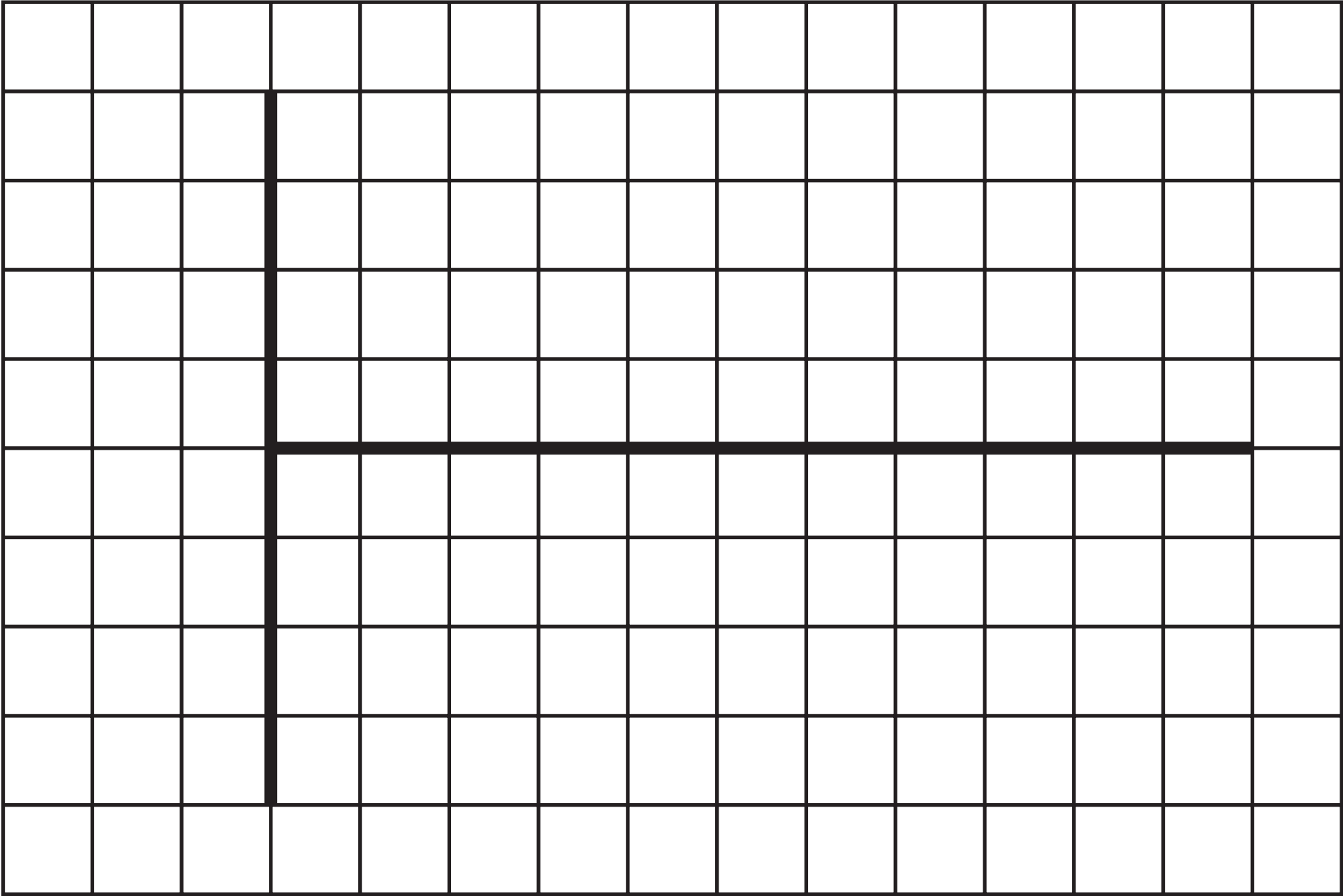


Question 5 (b)

Original Image



Question 5 (f)
Grid to draw a graph



Question 1 (a) (i)

Table

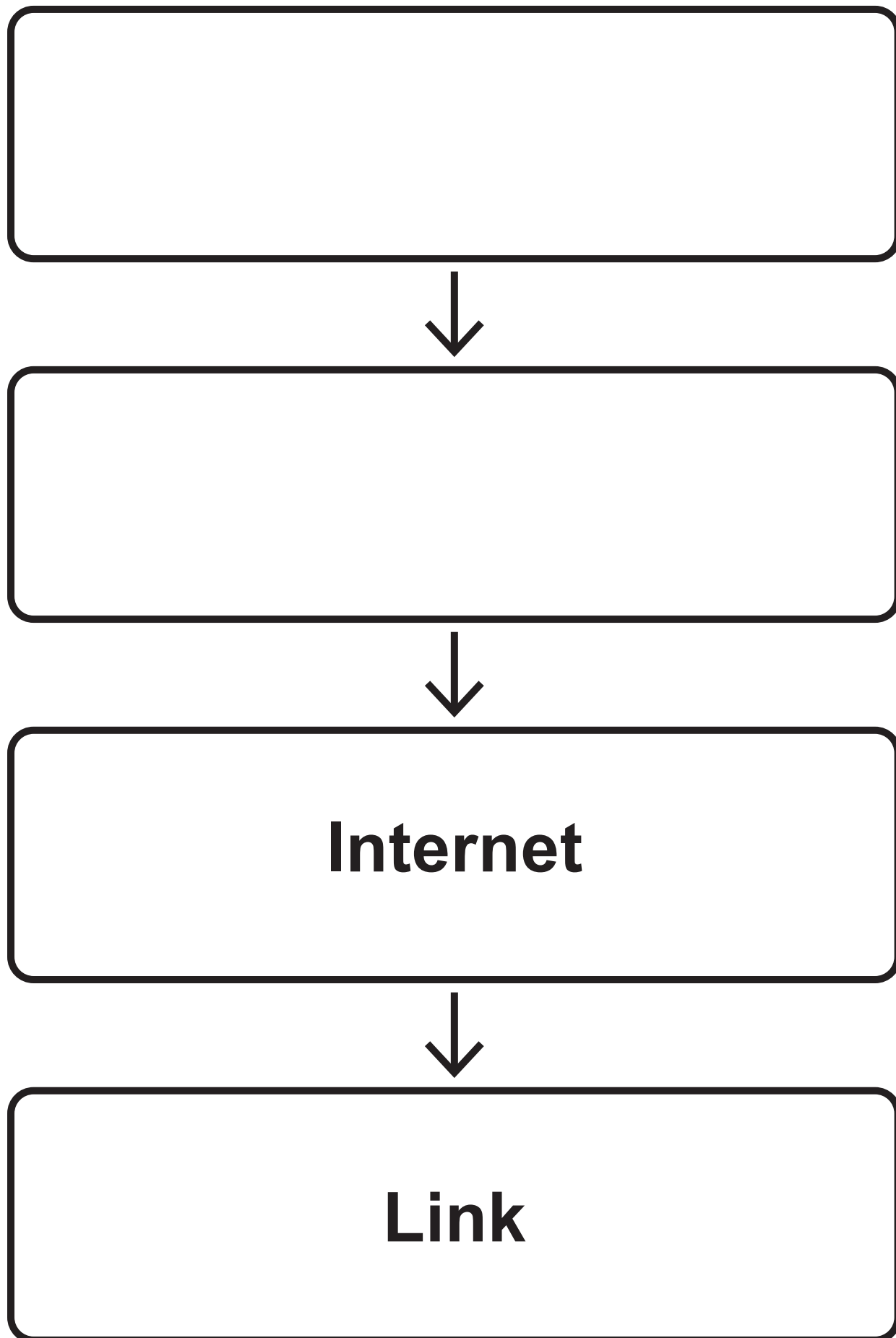
BUS	ROLE
	Carries a read signal to main memory.
	Carries the memory location of a piece of data.
	Carries an instruction from main memory to the CPU.

Question 1 (e) Table

METHOD OF CODE REVIEW	DISADVANTAGE
By a programmer	
By an automated system	

Question 2 (a)

Diagram



Question 3 (e)
Table

SITUATION	ETHICAL OR LEGAL ISSUE
An online learning platform publishes data about how students answer questions.	Consent
A teacher uses another teacher’s login to change student grades.	
A school displays closed–circuit television (CCTV) screens in a public area.	

Question 4 (c) Flowchart

Start



Stop

Question 4 (e)
Truth table

S	M	S AND M

Question 5 (f)
Grid to draw a graph

