

Edexcel GCSE

Applied Information and Communication Technology (Double Award)

Unit 1: ICT Tools and Applications

Data Files for the May 2003 Examination Instructions for Centres

The following data files must be stored in each candidate's user area:

AQUAROBICS

BIKEDATA

BIKEDEMAND

BIKEINCOME

BIKETEXT

FITNESS

GRAPHICS

Please note! It is **NOT** acceptable to store these data files in a central location where anyone can access them nor must candidates be given access to them prior to the examination.

Filename: AQUAROBICS

Available format: .txt

To be made available to candidates as: text file

Must look like:

Title: Smarts Leisure Park presents Aquarobics

Aquarobics like you've never seen it before!

Description: High and low level moves choreographed to music

Cost: £3.80

All New Sound system for the swimming pool!

High quality, super sound 500 WATT Speakers

CD/DVD jukebox - £1 A selection

Filename and Table name: BIKEDATA

Available formats: .mdb (Access 97), .txt (comma separated values)

To be made available to candidates as: database file

Must look like:

Bike Name	Bike Type	Size	Frame Colour	Number in Stock	Daily Charge
Dirt Thrasher	Mountain Bike	Medium	Yellow	5	£10.00
Dirt Thrasher	Mountain Bike	Large	Red	7	£10.00
Venom	Mountain Bike	Large	Pink	5	£12.00
Lazybones	Electric Powered Bike	Medium	Pink	2	£14.00
Boneshaker	Touring Bike	Large	Green	10	£11.00
Lazybones	Electric Powered Bike	Large	Green	3	£14.00
Tiger	Mountain Bike	Small	Blue	5	£8.00
Venom	Mountain Bike	Large	Blue	5	£12.00
Tiger	Mountain Bike	Medium	Blue	5	£8.00
Speedstar	Racing Bike	Medium	Blue	4	£12.00
Speedstar	Racing bike	Small	Black	4	£12.00

File structure:

Field Name	Data Type
Bike Name	Text
Bike Type	Text
Size	Text
Frame Colour	Text
Number in Stock	Numeric
Daily Charge	Currency, 2 d.p.

Filename: BIKEDEMAND

Available formats: .xls (Excel 97), .txt (comma separated values)

To be made available to candidates as: spreadsheet file

Must look like:

	A	B	C	D	E	F	G
1	BIKES REQUIRED						
2							
3		Boneshaker	Dirt Thrasher	Lazybones	Speedstar	Tiger	Venom
4	Monday	9	12	25	2	6	9
5	Tuesday	11	16	22	6	2	11
6	Wednesday	7	13	16	1	7	9
7	Thursday	10	15	29	3	9	6
8	Friday	8	14	19	3	3	9
9	Saturday	14	19	14	4	15	12
10	Sunday	11	21	13	6	17	10
11							
12	Average Demand for each bike						
13							
14	Number in stock	10	13	5	8	10	10
15							
16	Amount to order						

Formulae: None

Data: All text and numeric data – Arial, size 10
All numeric data, no decimal places
All text - bold

Filename: BIKEINCOME

Available formats: .xls (Excel 97), .txt (comma separated values)

To be made available to candidates as: spreadsheet file

Must look like:

	A	B	C	D	E
1	Income from bike hire in April				
2	Name of bike	Daily Charge	Num Hired		
3	Boneshaker	£11.00	210		
4	Dirt Thrasher	£10.00	375		
5	Lazybones	£14.00	150		
6	Speedstar	£12.00	199		
7	Tiger	£8.00	233		
8	Venom	£12.00	280		
9			Total		

Formulae: None

Data: Text in cell A1 – Arial, size 12, bold
Text in cell C9 – Arial, size 10, bold
Rows 2 to 8 – Arial, size 11
Cells C3:E8 – numeric, 0 d.p.

Border: Cells D9 and D10, 1½ pt

Filename: BIKETEXT

Available format: .txt

To be made available to candidates as: text file

Must look like:

Introduction

The following is a report based on a survey of bike hire that took place in April of this year. The report focuses on the income generated from bike sales, and a feature about the most popular type of bicycle.

Bike Income

The chart below shows that the bike that generates the most income is the Dirt Thrasher. The Tiger generates the lowest amount of income. This would suggest that the company hires the majority of its bikes to young adults.

Electric powered bikes

Our recent survey showed that the most frequently requested bike in our range was the Lazy Bones. This has been caused by an increase in the number of Senior citizens requesting bike hire during the week. Details of the Lazy bones can be seen below.

It has also been decided to increase the number of electric powered bicycles in stock, it is now a matter of some urgency to decide the colours that should be ordered.

Filename and Table name: FITNESS

Available formats: .mdb (Access 97), .txt (comma separated values)

To be made available to candidates as: database file

Must look like:

Class Title	Description	Level	Cost	Venue
BODY TONIC	Low level class using weights to tighten and tone the whole body	B	£3.80	gym
CIRCUITS	Interval training including cardiovascular and muscle training	A	£3.80	gym
CLOSE CIRCUIT	Circuit training with a difference! Including 'beat the clock'	I	£3.80	gym

File structure:

Field Name	Data Type
Class Title	Text
Description	Text
Level	Text
Cost	Currency
Venue	Text

Filename: GRAPHICS

Available formats: doc (Word 97), individual JPEG files, PDF document with copy facility

To be made available to candidates as: single document file

Must look like:







Charlotte Medway, Aquarobics tutor