

JUNIOR LYCEUM ANNUAL EXAMINATIONS 2008
DIRECTORATE FOR QUALITY AND STANDARDS IN EDUCATION
 Educational Assessment Unit

FORM 4

**INFORMATION AND COMMUNICATION
 TECHNOLOGY**

TIME: 1 h 30 min

Name: _____

Class: _____

Question 1 (max 36 marks)	Question 2 (max 34 marks)	Question 3 (max 30 marks)	Paper Total 100%

Answer ALL questions. This paper carries 100 marks.

1. This question is on Basic Concepts.

a) **Write down the letter** to match each phrase with its definition.

One has been provided as an example.

	Phrase		Definition	
A	Unit of measuring the CPU speed		A software program that enables the computer hardware to communicate and operate with the computer software	1
B	Personal digital assistant		Any type of user interface which allows people to interact with a computer-controlled devices.	1
C	Output device		Gigahertz	1
D	Feasibility study		Personal digital assistant is a handheld computer	1
E	GUI	D	The first stage in the software development life cycle	
F	Operating System		Any piece of computer hardware that is used to communicate the results of data processing carried out by an information processing system (e.g. a computer)	1

b) Mark the following with a **T** (True) or an **F** (False).

	T/F	
i) Computers operate using the binary number system.	1	1
ii) The lowermost level of a folder tree structure is called the root.	1	1
iii) One byte consists of 8 bits.	1	1
iv) The CPU is the computer's permanent storage piece of hardware.	1	1
v) The ALU is the component which performs the arithmetic and logical operations.	1	1

c) i) **Graphical User Interface** (GUI) provides several features by which users communicate with the program.
Name two of these features.

1 _____ 1

2 _____ 1

ii) Name one advantage of an external hard disk. _____ 2

iii) Tick what you consider to be more important in the functionality of a computer:

a bigger VDU

more Random Access Memory (RAM).

Justify your answer. _____ 1

_____ 2

iv) Give one example of an Operating System. _____ 1

v) Give an example of a Spreadsheet Application. _____ 1

vi) Give an example of a Word Processing Application.

1

d) i) Put these measuring units of memory in ascending order of size by numbering them (1 being the biggest unit of memory)

Gb	
byte	
Kb	
Mb	
Tb	
bit	

2

2

2

2

2

2

e) Which is the type of memory that best describes the following?

i) A type of memory that is **volatile**.

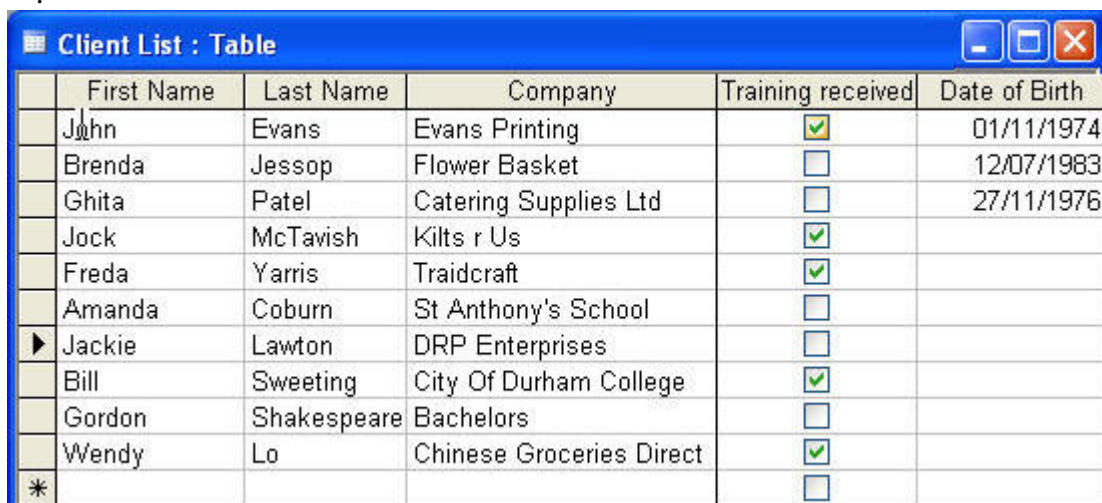
2

ii) A computer memory chip that does not allow updates and keeps values even when the computer is switched off.

2

2. This question is about Databases

a) From the picture below answer the following questions



	First Name	Last Name	Company	Training received	Date of Birth
	John	Evans	Evans Printing	<input checked="" type="checkbox"/>	01/11/1974
	Brenda	Jessop	Flower Basket	<input type="checkbox"/>	12/07/1983
	Ghita	Patel	Catering Supplies Ltd	<input type="checkbox"/>	27/11/1976
	Jock	McTavish	Kilts r Us	<input checked="" type="checkbox"/>	
	Freda	Yarris	Traidcraft	<input checked="" type="checkbox"/>	
	Amanda	Coburn	St Anthony's School	<input type="checkbox"/>	
	Jackie	Lawton	DRP Enterprises	<input type="checkbox"/>	
	Bill	Sweeting	City Of Durham College	<input checked="" type="checkbox"/>	
	Gordon	Shakespeare	Bachelors	<input type="checkbox"/>	
	Wendy	Lo	Chinese Groceries Direct	<input checked="" type="checkbox"/>	
*				<input type="checkbox"/>	

i) What is the name of the table? 1

ii) Write down three field names from the table above.

1

2

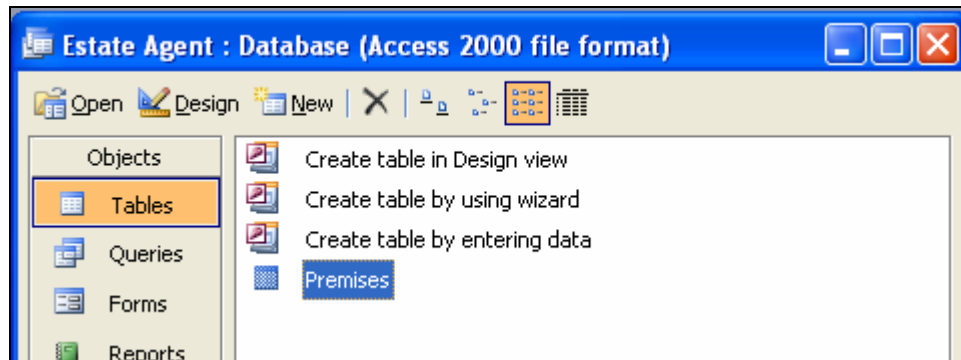
3

iii) Give the name of a field that is of **Boolean** type.

iv) Give the name of the field that is a **text** type.

v) Give the name of the field that has a **Date/Time** data type.

b) The picture below shows the Database Window.



i) What is the name of the database?

ii) The two following pictures show different views of the same table:

Datasheet View and **Design View**.

Write down the appropriate view under each picture.

Premises : Table			
	Field Name	Data Type	Description
▶	Town/City	Text	
	Address	Text	
	Occupied	Yes/No	
	Type of Premises	Text	
	Price	Currency	
	Unit Area	Number	
	Floors	Number	
	Lift	Yes/No	
	Offices	Number	

2

Premises : Table					
	Town/City	Address	Occupied	Type of Premises	Price
▶	Stockton	Portrack Park	<input type="checkbox"/>	Store Unit	£50,000
	Durham	10 Willow Lane	<input checked="" type="checkbox"/>	Office Premises	£75,000
	Keswick	Park Place	<input checked="" type="checkbox"/>	Store Unit	£50,000
	Sunderland	86 Church Business Park	<input type="checkbox"/>	Office Premises	£175,000
	Newcastle	Unit 12 Bridge Court	<input type="checkbox"/>	Manufacturing Unit	£67,000
	Durham	16 Station Road	<input checked="" type="checkbox"/>	Office Premises	£100,000
	Taunton	Unit D, Stanton Industrial Estate	<input type="checkbox"/>	Conference Unit	£200,000
	Hartlepool	15 The Marina	<input checked="" type="checkbox"/>	Conference Unit	£150,000
	Newcastle	19 Grey Walk	<input checked="" type="checkbox"/>	Office Premises	£50,000
	Sunderland	178 Wessington Road	<input checked="" type="checkbox"/>	Manufacturing Unit	£120,000

2

iii) Which view would you use to **add a new record**?

2





iv) Which view would you use to **add a new field**?

2

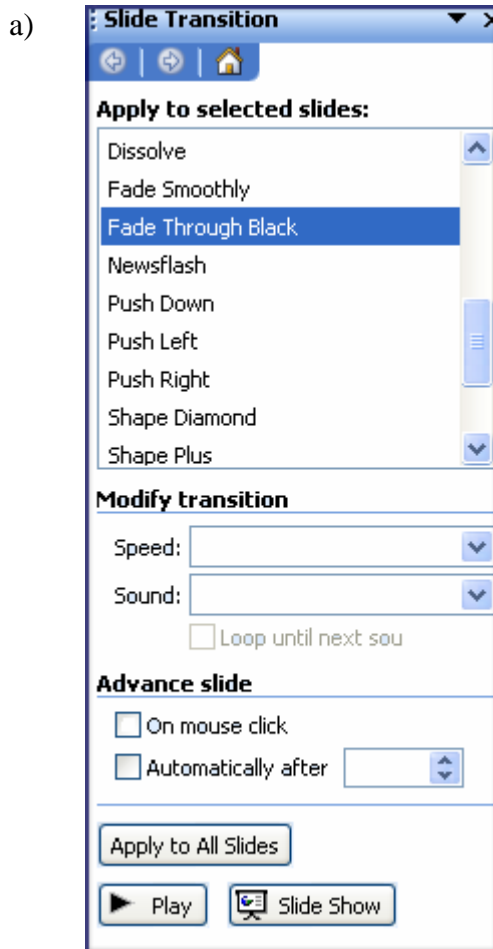
c) i) Write down **the letter** in the empty column to match each phrase with its definition.

A	A field containing unique values such as ID numbers or part numbers.		Record	2
B	A view where you can filter data.		Primary Key	2
C	A view that can be used for data entry.		Form	2
D	An effective way of presenting data in a printed format.		Query	2
E	A collection of information which relates to a particular item within your database table.		Report	2

d) Choose the right name from the list below to match the **correct icon**.

	Find	Sort by Descending Order	Insert new record	Filter by selection	
i)					1
ii)					1
iii)					1
iv)					1

3. **This Question is about PowerPoint Presentation**



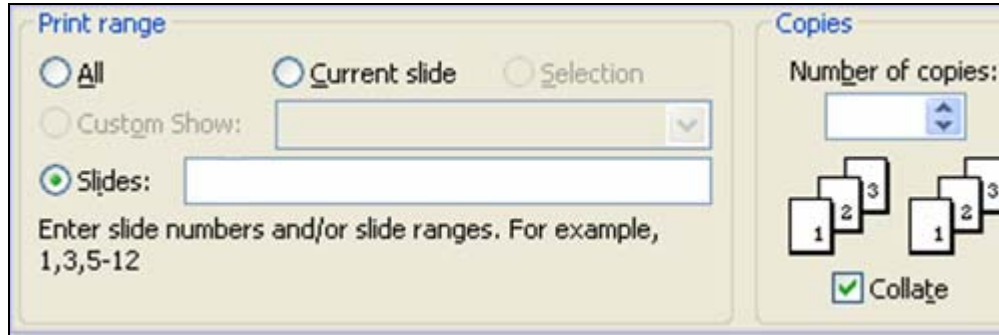
This dialogue box is used for applying a slide Transition. Fill in the blanks in the appropriate textboxes with the information given to perform the functions below.

A slide must have a **Fade Through Black** transition type. (**This is already selected**)

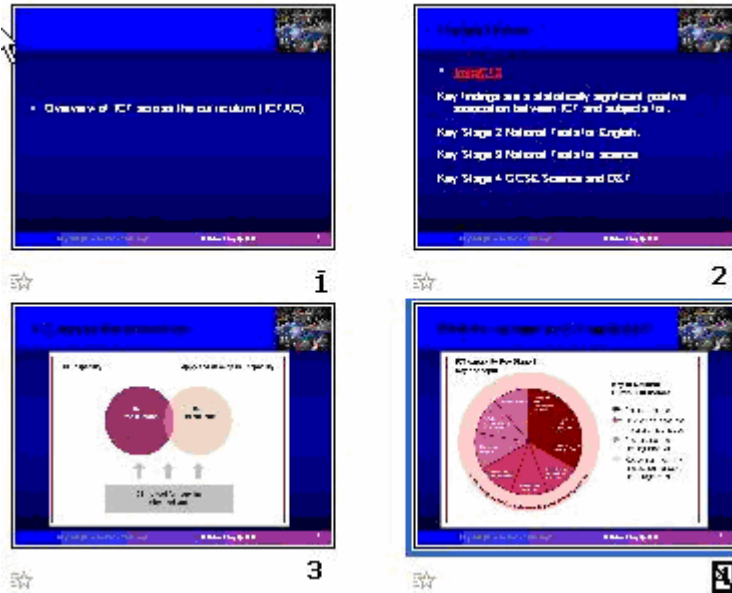
- i) Set the Speed to **Medium** 1
- ii) Set the Sound to **Breeze**. 1
- iii) Let the slideshow play automatically after **5 seconds** 2

- b) In the dialogue box below fill in the appropriate space to do the following two tasks:
- To print from **slide 4 to slide 9** only.
 - To print **three copies** of the slides.

1
1

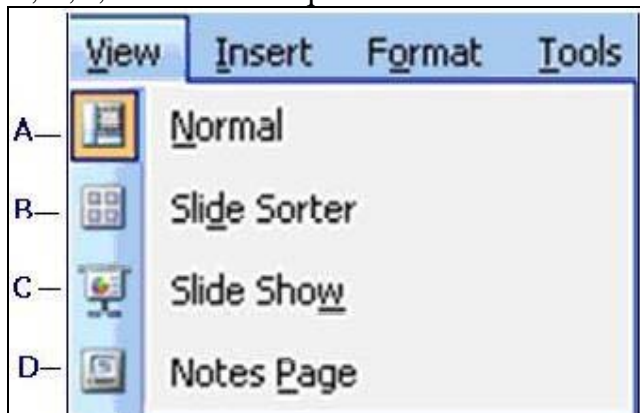


- c) i) Look carefully at the picture below. How many **slides** will be **viewed** during the presentation?



2


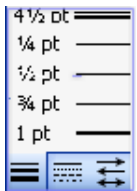

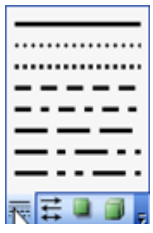

- d) The menu below shows the list of the **view options** which are labeled A, B, C, D. Answer the questions found on the following page.



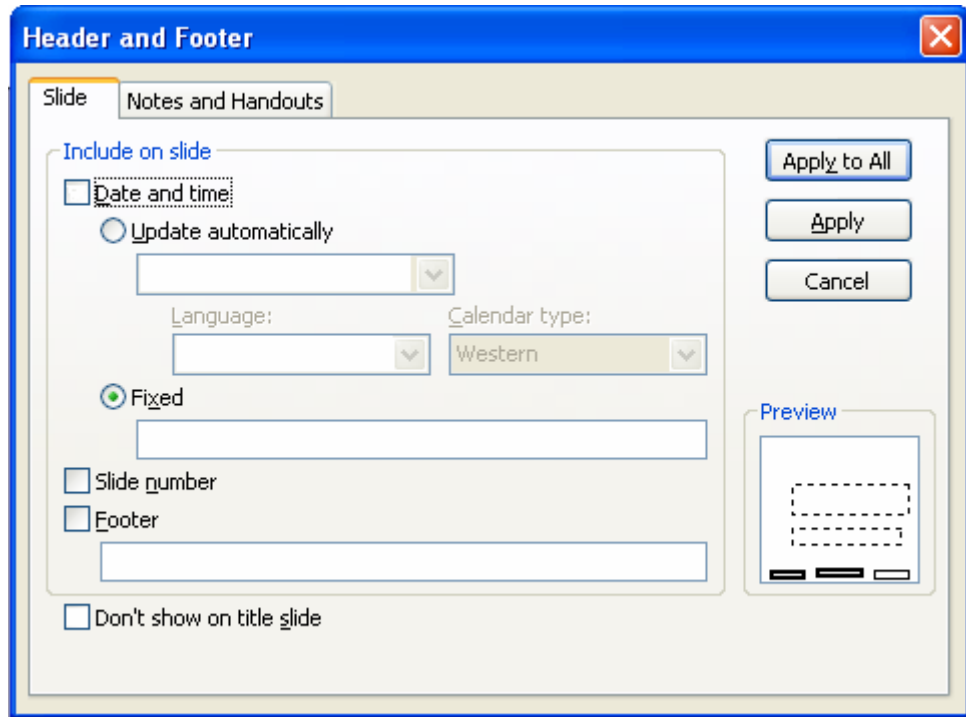
- i) Which view is used to run the slideshow? 1
- ii) Which view is normally used to edit the text in a slide? 1
- iii) Which view displays all the slides together on the screen? 1
- iv) Which view is used to insert speaker's notes? 1
- e) i) The picture below indicates that an action is being executed on Slide No 3. Which **position** will slide 3 have?



- f) **Match the icon** with the feature by putting the correct letter in the empty box. One example has been done for you.

i)	A			Line thickness	2
ii)	B			Free Rotate	2
iii)	C			Line Styles	2
iv)	D		E	Insert Diagram or Organisation Chart	
v)	E			Basic Shapes	2

g) Mark the picture below according to the following requirements:



- i) To insert the current date.
- ii) To number the slides.
- iii) To insert '**Playing Movies**' in the footer.
- iv) To hide the headers and footers on the first title slide.

2

2

2

2