

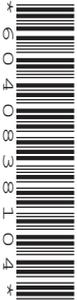
CANDIDATE
NAME

CENTRE
NUMBER

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NUMBER

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INFORMATION TECHNOLOGY

9626/13

Paper 1 Theory

October/November 2017

1 hour 45 minutes

Candidates answer on the Question Paper.

No Additional Materials are required.

READ THESE INSTRUCTIONS FIRST

Write your Centre number, candidate number and name in the spaces at the top of this page.

Write in dark blue or black pen.

You may use an HB pencil for any diagrams, graphs or rough working.

Do not use staples, paper clips, glue or correction fluid.

DO NOT WRITE IN ANY BARCODES.

Answer **all** questions.

At the end of the examination, fasten all your work securely together.

The number of marks is given in brackets [] at the end of each question or part question.

Any businesses described in this paper are entirely fictitious.

This document consists of **14** printed pages and **2** blank pages.

- 1 Tick the **four** most accurate statements about relational databases.

	✓
Duplication of data is avoided saving storage space.	
Every individual mistake in the database has to be manually corrected in all tables.	
It is easier to produce cross-tabular reports in relational databases than with flat file databases.	
The only two possible relationships are one-to-one and many-to-one.	
It is impossible to make mistakes when entering data into a relational database.	
Tables can be linked using a key field.	
There must be at least three tables in a relational database.	
Primary keys are unnecessary whereas you must have them with flat file databases.	
Relational databases cannot store as much information as flat file databases.	
Referential integrity helps to prevent database users entering inconsistent data.	

[4]

- 2 Tick the **four** statements referring to the use of the internet and the World Wide Web which are true.

	✓
The internet is fully policed and safe.	
Information on the World Wide Web tends to be up to date.	
The World Wide Web has vast amounts of information.	
All information on the World Wide Web is unbiased.	
All websites are accurate.	
Lack of expertise in using search engines can lead to inefficient searching.	
It is more difficult to plagiarise information using the World Wide Web than copying out of a hard copy book.	
There is a danger of accessing inappropriate websites.	
The internet is smaller than an intranet.	
The World Wide Web and the internet are the same thing.	

[4]

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