**ICT**

**Database Test**

**Year 7**

May 2011

**Do NOT open this test until you are told to do so by the teacher**

**YOU HAVE 30 MINUTES TO FINISH THE TEST**

**NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**CLASS: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**TEACHER: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Total marks= out of 40**

**Level: XXXX**

**Questions 1 to 10 are about this Estate Agent’s database.**

**1.** Label the database (2 marks)

This is a F­\_ \_ \_ \_

This is a R\_ \_ \_ \_ \_

****

For questions 2 to 13, circle the letter next to the correct answer. Each answer is worth 1 mark.

**2**. The data type of the **Property Address** field is

**A** text

**B** number

**C** currency

**D** number and text

**3.** The data type of the of the **Price** field is

**A** number

**B** text

**C** currency

**D** Date/Time

**4.** The highest priced property in Rugby is

**A** 5 Sheep Street

**B** 12 Spring Street

**C** 2 Lancaster Road

**D** 116 Lancaster Road

TURN THE PAGE FOR QUESTION 5

**5.** The property in Banbury with the fewest bedrooms belongs to

**A** Bavda Parmar

**B** Peter Brown

**C** Mia Pericoli

**D** Rick Leach

**6.** To add details of each seller’s telephone number, the user should add a new

**A** row

**B** field

**C** table

**D** record

**7.** To enter details of a new property, the user should add a new

**A** field

**B** table

**C** record

**D** column

**8.** To list the database in A to Z order of the **Seller’s Last Name**, the user should

**A** click the arrow on the Seller’s Last Name field and choose ‘Sort A to Z’

**B** click the arrow on the Seller’s First Name field and choose ‘Sort A to Z’

**C** click the arrow on the Seller’s Last Name field and choose ‘Sort Z to A’

**D** click the arrow on the Seller’s First Name field and choose ‘Sort Z to A’

**9.** The search criterion to find all properties in Banbury is

**A** Property Address = "23 High Street"

**B** Town = "all properties in Banbury"

**C** Property Address = "Banbury"

**D** Town = "Banbury"

**10.** The search criterion to find all properties with 4 bedrooms is

**A** Bedrooms = “3”

**B** Price = “3”

**C** Bedrooms = “4”

**D** Price = “4”

TURN THE PAGE FOR QUESTION 11

**11.** This database holds personal information. The user can help to keep it confidential by

**A** using a password

**B** keeping a backup copy

**C** keeping the original paper copy

**D** saving the file with different filenames

**12.** The only field suitable as the primary key is

**A** Property Number

**B** Property Address

**C** Bedrooms

**D** Town

**13.** If the Estate Agent wanted to find all the sellers that live in Rugby, they could do this by creating

**A** a question

**B** a form

**C** a query

**D** an e-mail

TURN THE PAGE FOR QUESTION 14

Write your answers to questions 14 to 16 in the space underneath the question.

**14**. A new Estate Agent’s has opened. They currently use paper-based files to store all of their property details. The Estate Agent has heard that a database is a better way of storing details, but they are not sure whether they should change their process. Why would using a database be good for the Estate Agent? (3 marks)

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**15**. The new Estate Agent has set up their database, but they have forgotten to add a ‘Primary Key’ field. Explain why they would need a ‘Primary Key’ field. (3 marks)

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**16**. People keep calling the Estate Agent’s office asking for information about properties in Banbury. Customers are complaining that the Estate Agent takes too long to answer their questions. What could the Estate Agent do to find this information more quickly? (2 marks)

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**17.** The Estate Agent is making a database to store their customer information. Make a list of useful fields that could be used for a customer database, including the data types (12 marks)

|  |  |
| --- | --- |
| **Field Name** | **Data Type** |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

**18.** Write about the types of businesses and people who could keep records about you. Explain what information they would keep and why they would keep it. (6 marks)

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END OF TEST – CHECK YOUR ANSWERS