**11.** A shop uses a relational database to keep track of stock. One of the database tables is shown below.

**Snack**

| **productID** | **productName** | **type** | **weight** | **price** | **stock** |
|---|---|---|---|---|---|
| 001 | Baked Cheese Snacks | Single | 37.5 | 0.65 | 565 |
| 002 | Sweet Chilli Flakes | Single | 28 | 0.65 | 300 |
| 003 | Chicken Crisps | Single | 32.5 | 0.55 | 240 |
| 004 | Ready Salted Crisps | Single | 30 | 0.58 | 654 |
| 005 | Cheese Straws | Single | 12 | 0.70 | 120 |
| 006 | Tomato Puffs | Single | 20 | 0.70 | 400 |
| 007 | Prawn Cocktail Crisps | Multi-bag | 78.6 | 1.00 | 335 |
| 008 | Wheat Crunch Crisps | Multi-bag | 138 | 1.00 | 356 |
| 009 | Assorted Flat Crisps | Multi-bag | 153 | 1.50 | 545 |
| 010 | Variety Pack | Multi-bag | 150 | 0.56 | 678 |
| 011 | Salted Pack | Multi-bag | 150 | 1.30 | 614 |
| 012 | Salted Pretzels | Family bag | 80 | 0.45 | 450 |
| 013 | Tortilla Chips | Family bag | 200 | 0.46 | 456 |
| 014 | Aberdeen Angus Crisps | Family bag | 225 | 1.89 | 684 |
| 015 | Salt and Pepper Shakes | Family bag | 150 | 0.99 | 600 |

**[Turn over**

**11. (continued)**

(a) Design a query to display the most expensive multi-bag and family bag as shown below. **4**

| **type** | **Most Expensive Item** |
|---|---|
| Multi-bag | 1.50 |
| Family bag | 1.89 |

| | |
|---|---|
| Field(s) and calculation(s) | |
| Tables(s) and query | Snack |
| Search criteria | |
| Grouping | |
| Sort order | |

(b) The manager wants to half the price of all products with stock levels of more than 500.

Write the SQL statement that would make these changes. **3**

**11. (continued)**

(c) A query is written to display the total amount of stock for each type of snack.

The expected ordered output is shown below.

| type | Total Stock |
|---|---|
| Multi-bag | 2528 |
| Single | 2279 |
| Family bag | 2190 |

When the SQL statement below is tested the actual output does not match the expected output.

```
SELECT type, COUNT(stock)
FROM Snack
GROUP BY type;
```

Re-write the SQL statement to produce the expected output. **3**

(d) Write the SQL statement to remove all records of snacks that include 'Salt' in any part of their product name. **2**