Name: Class: Mark:

1. A shop has decided to start offering customers the chance to print out their photos.

The table below shows a number of situations where the shop will require printers. Complete the table below to suggest an appropriate type of printer along with an explanation for your choice. [6]

|  |  |  |
| --- | --- | --- |
| **Situation** | **Suggested type of printer** | **Explanation of your choice** |
| Printing example photos to hang in the shop. |  |  |
| Printing colour leaflets with information about services offered. |  |  |
| Printing black and white sales information for the owner. |  |  |

2. Circle the correct response for each of the five questions below. [4]

(a) Which part of a laser printer is used to make the toner set to the paper permanently?

|  |  |
| --- | --- |
| **A** | Toner |
| **B** | Drum |
| **C** | Fuser |
| **D** | Discharge lamp |

(b) Which of the following printers is the most suitable for printing designs directly   
onto T-shirts?

|  |  |
| --- | --- |
| **A** | Laser |
| **B** | Dot matrix |
| **C** | 3D |
| **D** | Inkjet |

(c) Which four colour inks are usually used in a colour printer?

|  |  |
| --- | --- |
| **A** | Green, red, white, yellow (GRYW) |
| **B** | Cyan, magenta, yellow, black (CMYK) |
| **C** | Black, cyan, red, white (BCRW) |
| **D** | Red, green, blue, black (RGBK) |

(d) Which of the following is NOT part of an inkjet printer?

|  |  |
| --- | --- |
| **A** | Print drum |
| **B** | Stepper motor |
| **C** | Print head |
| **D** | Paper tray |

3. One use for a 3D printer is to make ornaments. State **two** other uses for 3D printers. [2]

[Total 12 marks]