**WORKSHEET MS – MICROPROCESSOR CONTROLLED DEVICES**

1. Six from:

This can lead to an unhealthy lifestyle as people rely on ready-made foods.

People depend on the devices for all their chores making them lazy.

Devices carry out the manual tasks leading to lack of exercise/sedentary.

People lose their household skills in carrying out tasks.

There is a danger that devices that use the internet can have security issues.

If the internet crashes/electricity outage, then the device may not operate but the

user would not know.

Smart fridges automatically re-order food as it is used but seasonal changes may

lead to wrong food being ordered.

Possible health issues from the devices, e.g. microwave leakage.

1. Four from:

Security problem of others gaining access to devices like burglar alarms/security cameras/people can view your house/switch off the alarm.

More expensive than manual systems to repair/purchase.

Problem of disconnection stopping the device/if the internet/electricity goes down then the device may not operate.

If the controller is out of range, then the device cannot be operated.

Interference with the signal can stop the device/walls/weather can interfere with

the signal.

The lack of privacy of the data being sent to and from the device/hackers can find your details by hacking devices.

If you lose the controller/then this can cause problems in the home and cannot operate the system.

In a smart fridge online shopping lists are created automatically these may have to be overwritten/as it will order anything removed from the fridge whether it ineeded or not.

Devices can be taken over and malware installed/hacked.

If the controller is not powered up, then system may not operate.