

Name _____

WORKSHEET 12 – USE OF IT IN EVERYDAY LIFE

Make sure that you are familiar with all of the information detailed in this booklet. There are a number of tasks for you to carry out, be sure to read the information fully whilst completing the tasks. You could be asked about any of this in the test!

Use the theory notes in the worksheet 12 section of the teach-ict.com site to help you complete this booklet.

TASK 1: COMPUTERS VS PEOPLE

There are some situations where it is more appropriate to use a computer rather than a person to carry out tasks.

Write each task below under the correct heading in the table:

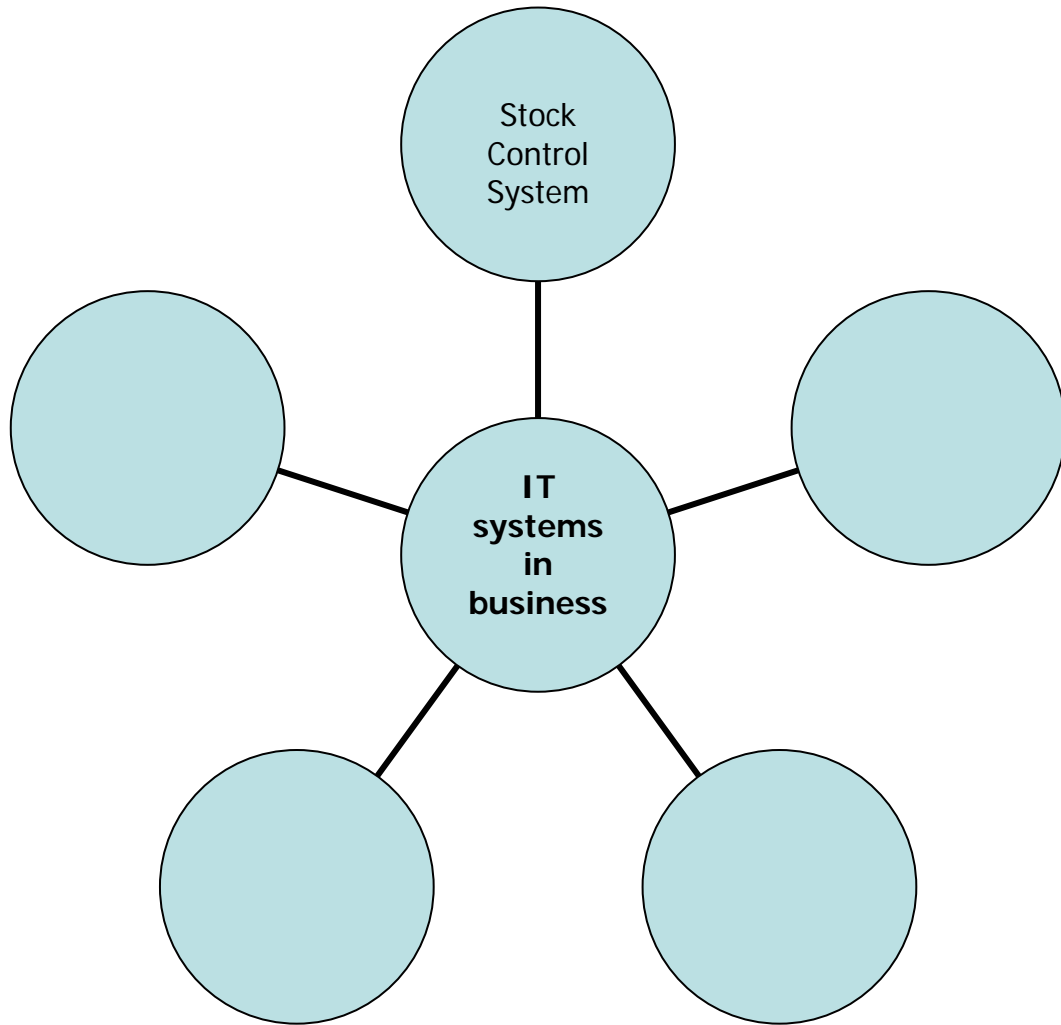
- adapt to the unexpected
- perform fast, accurate mathematical calculations
- apply judgement
- perform easily automated tasks
- have human emotion for dealing with customers
- be safer in dangerous situations
- perform repetitive tasks accurately
- use initiative

COMPUTER SYSTEMS	
BENEFITS	DRAWBACKS
Can	Cannot
Can	Cannot
Can	Cannot
Can	Cannot

TASK 2: IT AND BUSINESS

Identify some of the IT and computer systems which might be used in a business.

Add them to the diagram below.



Write down the extra fact(s) that you found out for yourself about one of these systems:

TASK 3: IT AND BANKING / INSURANCE

1. What do the letters 'ATM' stand for?

2. In your own words, explain why ATMs are so popular with customers

3. In your own words, explain why ATMs are so popular with banks

4. What are the benefits to customers who bank online?

5. What are the benefits to banks who offer online banking?

6. Identify one possible problem with online banking

7. Why do you think that insurance companies need to use computer systems?

8. Which of the following types of computer do you think that a bank and insurance company would use?

- Supercomputer
- Mainframe
- Desktop PC
- Laptop
- Palmtop

TASK 4: IT AND AIRLINES

A **public information system** at an airport would be used to

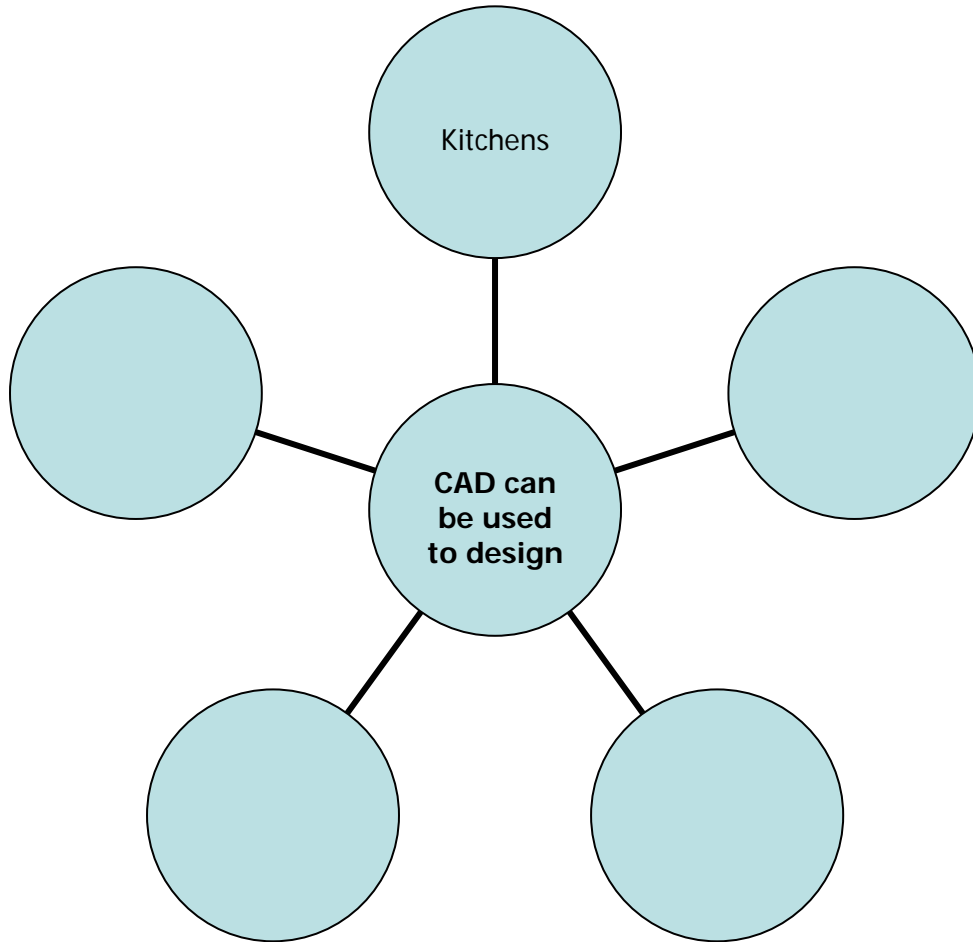
An **online ticket booking system** would be used to

Air traffic controllers need to use computer systems to

TASK 5: IT AND MANUFACTURING

1. What do the letters 'CAD' stand for?

2. Complete the diagram below



3. What do the letters 'CAM' stand for?

4. What is the difference between CAD and CAM?

5. List some other IT systems that might be used in manufacturing companies

- i)
- ii)
- iii)

TASK 6: IT AND RETAILING

1. Explain what you understand by the term EPOS

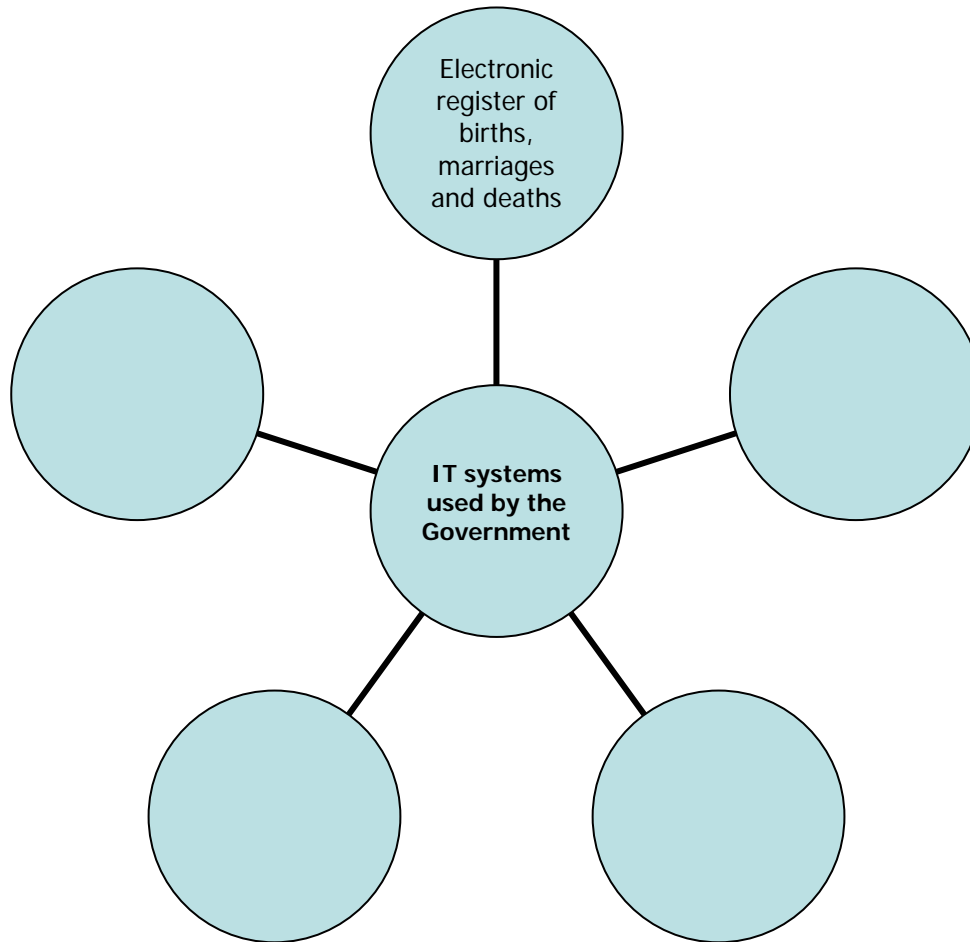
2. What are the benefits to customers of loyalty card schemes?

3. What are the benefits to shops who offer loyalty card schemes?

4. Write down the extra fact(s) that you found out for yourself about one of these systems:

TASK 7: IT AND THE GOVERNMENT

Identify some of the IT systems that are used by the Government.



TASK 8: IT AND HEALTHCARE

Use the words below to fill in the gaps in the text.

control

Diagnosis

research

patient

Hospitals and health care organisations make use of computers for many different reasons:

- Database of _____ details
- Ambulance _____ systems

- _____ can be made using computers and specialist equipment such as CAT scanners.
- Supercomputers can be used by universities and the pharmaceutical industry for medical _____

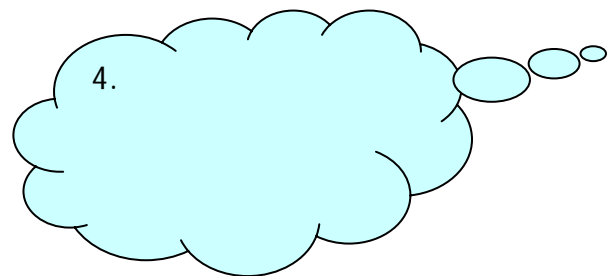
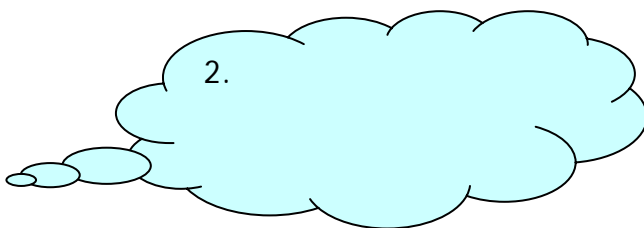
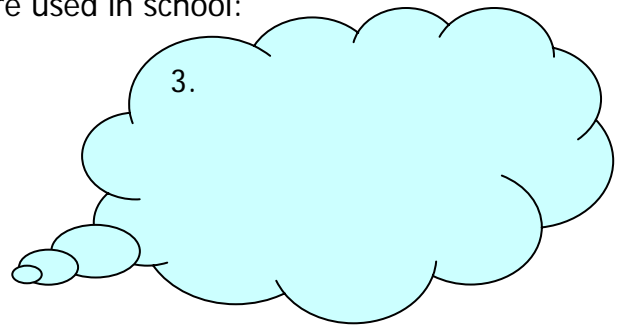
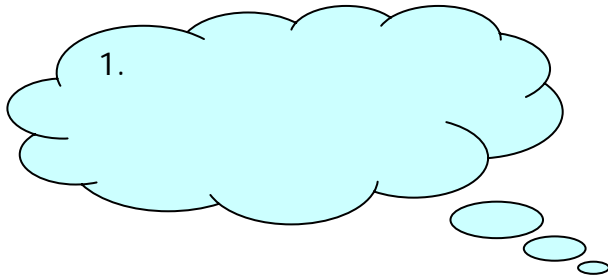
If used properly computers can make health care more efficient, if they are using compatible computer systems that can communicate with each other!

TASK 9: IT AND EDUCATION

There are many different ways in which computers and IT systems are used within an educational environment. Uses include:

- Learning to use software
- Distance learning – students can learn from a teacher in another location
- Software can be used as a teaching aid
- Student details can be stored
- Timetables can be worked out
- Can be used to complete homework

Now think of 4 other ways in which computers are used in school:



TASK 10: TELEWORKING

1. Explain the term 'teleworking'

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2. Complete the tables below

CUSTOMERS	
ADVANTAGES	DISADVANTAGES

BUSINESSES	
ADVANTAGES	DISADVANTAGES

3. Write down the extra fact(s) that you found out for yourself about teleworking:

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