

(d) Give reasons why interactive processing would be used instead of batch processing for booking seats in a theatre.

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..... [2]

2 For each of the **two** tables below, tick the most accurate statement referring to the use of simulation in pilot training.

(a)

	✓
The running and maintenance costs of a flight simulator are far greater than those of an actual aircraft	
Dangerous situations can be simulated without putting the trainee pilot's life at risk	
It is more difficult to simulate adverse weather conditions in a flight simulator	
The level of noise in a flight simulator is far louder than in an aircraft	

[1]

(b)

	✓
The pilot has to be able to use spreadsheet software efficiently	
There is no limit to how many 'g' a simulator can subject a pilot to, and for how long	
The simulator response will always be exactly the same as an actual aeroplane, as there are so few variables	
Sometimes pilots become overconfident after training on the simulator	

[1]

11 Explain why generic file formats are needed when using word processing software and spreadsheet software.

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..... [4]

12 It is possible to use sound editing software to vary the sampling rate in an audio file.

Describe what is meant by sampling, sampling rate and the factors that should be considered when varying the sampling rate.

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