<u>Modelling – 2022 IT AS 9626</u>

- 1. Nov/2022/Paper_12/No.(b)
 - (b) The organisers wish to achieve a larger profit.

By explaining what each step requires them to do, describe how the organisers would use goal seek to find the size of the audience needed to make a profit of \$5000. You should refer to specific cells from the spreadsheet in your answer.

Include in your answer a reason why the result n	night not be satisfactory.
	40
40	
	[N]
Balba	[4]

2.	June/2022/Paper_11/No.2 Flight simulators are used to train pilots to fly modern jet aircraft.
	Describe a typical flight simulator.
	[4]
	Palpacaini

A company has been asked by a government to construct a nuclear reactor. A computer model will be created before the reactor is built.
Explain why a computer model is needed in this scenario.
70
[6]
[5]

3. June/2022/Paper_13/No.7