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**UNIVERSITI TUN HUSSEIN ONN MALAYSIA**

**FINAL EXAMINATION  
SEMESTER I  
SESSION 2017/2018**

COURSE NAME : COMPUTER GAMES  
DEVELOPMENT  
COURSE CODE : BIM 33103  
PROGRAMME CODE : BIM  
EXAMINATION DATE : DECEMBER 2017 / JANUARY 2018  
DURATION : 3 HOURS  
INSTRUCTION : ANSWER ALL QUESTIONS

**TERBUKA**

THIS QUESTION PAPER CONSISTS OF **THREE (3)** PAGES

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**Q1** Questions **Q1(a)**-**Q1(e)** are based on **Figure Q1**.

- (a) Write the game backstory using local content metaphor. (5 marks)
- (b) Suggest a game logline based on the game backstory proposed in **Q1(a)**. (5 marks)
- (c) Design **TWO (2)** main characters and **TWO (2)** props which are appropriate for the game. (10 marks)
- (d) Draw the new game flowchart to include **THREE (3)** new game levels as well as all characters and props involved in the game. (10 marks)
- (e) Illustrate **ONE(1)** isometric view for the game 3D environment. (10 marks)

**Q2** Questions **Q2(a)**-**Q2(d)** are based on the given scenario.

UTHM Game Production Sdn. Bhd. has been given a 2D side-scrolling game project to increase school children awareness on road safety. The game uses Malaysian theme as the design metaphor.

- (a) Explain **FIVE (5)** items to include in the Game Design Documents. (10 marks)
- (b) Design **ONE (1)** 2D environment to show the foreground, middle-ground and background elements involved in the proposed game. (10 marks)
- (c) Write a UNITY code to load, run and exit the game. (10 marks)
- (d) Identify the most **THREE (3)** suitable approaches to market the game. (10 marks)

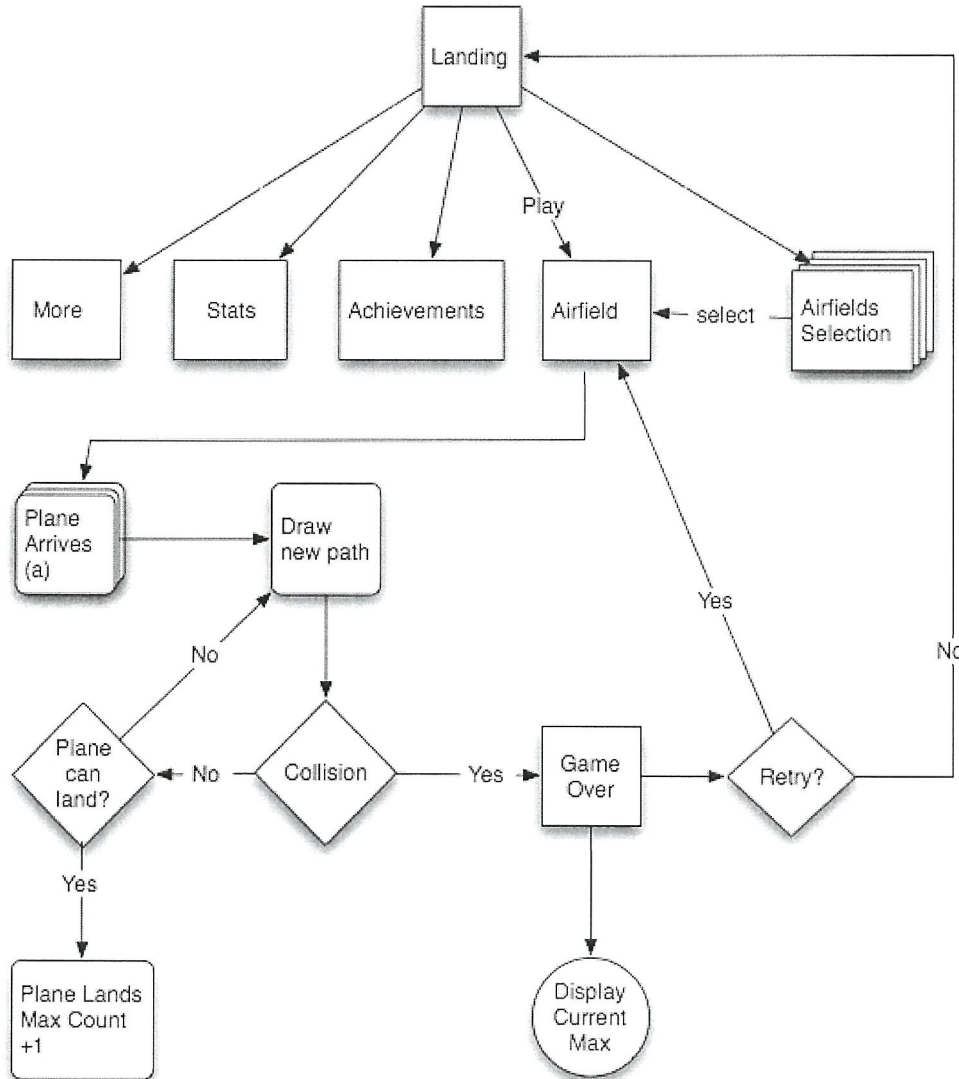
- END OF QUESTION -

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Flight Control Game Play Flowchart



(a) Two actions are possible: Increase Speed of Plane or Pause Game



FIGURE Q1

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