UNIVERSITI TUN HUSSEIN ONN MALAYSIA

FINAL EXAMINATION
SEMESTER II
SESSION 2021/2022

COURSE NAME	:	VIRTUAL REALITY
COURSE CODE	:	BIM 30803
PROGRAMME CODE	:	BIM
EXAMINATION DATE	:	JULY 2022
DURATION	:	3 HOURS
INSTRUCTION	:	1. ANSWER **ALL** QUESTIONS.
		2. THIS FINAL EXAMINATION IS AN **ONLINE** ASSESSMENT AND CONDUCTED VIA **OPEN BOOK.**

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

Q3   Smell and taste are other human multisensory which have been integrated with VR headsets. These multisensory could give an impact on the development of VR applications that can bridge the gap between reality and fantasy.

   (a)   Based on that, propose **ONE (1)** VR application with this multisensory approach for a specific function. You can choose any domain to apply your proposed idea. The explanation of your idea can be supported by appropriate interfaces.

(10 marks)

   (b)   Describe the multisensory features that you think are suitable to be integrated with your proposed multisensory project in **Q3(a)**.

(10 marks)

Q4   (a)   Distinguish mixed reality, augmented virtuality, and augmented reality with an appropriate example in the domain of advertising.

(12 marks)

   (b)   Explain, why marker-less tracking is less popular as compared to edge-based and marker-based tracking?

(8 marks)

-END OF QUESTIONS-