Name : Enrolment No. :		WUPES		
		UNIVERSITY OF TOMORROW		
UNIVERSITY OF PETROLEUM AN End Semester Examination Program Name : BTech-CSE Course Name : Introduction to Game Programming Course Code : CSGG3002P No. of Page(s) : 2 Instructions : Attempt all sections.		er Examination, May 2023	S Semester : VI Time : 3 hours Max. Marks : 100	
		SECTION-A		
S. No.	Questions		Marks	CO
Q.1	Explain 'this' pointer with an example.		4	CO1
Q.2	Explain with example python lists and dictionaries.		4	CO2
Q.3	Explain the utility of <i>continue</i> and <i>break</i> statement with example.		4	CO3
Q.4		cogram in C++ or Python using while loop to print ble (multiplication chart) for any user-given number 30 until the value exceeds 150.		CO3
Q.5		a program in C++ or Python to print whether each number ser-given list or array is divisible by three or not using a on.		CO4
		SECTION-B		
Q.6	-		10	CO1
Q.7		ython for an object with center at - (a) glide horizontally, (b) rotate programming must be used.	10	CO2
Q.8	Write a short note on any 5 ty achieve that texture and an ex	pes of textures explaining how to ample of where it is used.	10	CO3

Q.9	Explain the purpose of using invisible circles or spheres in game programming along with examples, advantages and disadvantages.		CO4	
	OR			
	Describe the parameters used for rendering any 5 basic shapes in 2D dimension.			
SECTION-C				
Q.10	Write a note on lighting in game programming. Explain how the lighting may be used for different purposes and how different types of lightings affect the game scenes.	20	CO2	
Q.11	Describe any 3 game genres along with one example for each. The examples must be descriptive and show how they relate to the description of the corresponding genre.	20	CO4	
	OR			
	Explain how Role-playing game genre is similar or different from First person shooting. Design a detailed role playing game based on your favourite movie.			