Exam	No:	
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GANPAT UNIVERSITY

B. TECH SEM-VI (COMPUTER ENGINEERING (ARTIFICIAL INTELLIGENCE)) FIRST INTERNAL EXAMINATION – FEBRUARY-MARCH 2023 2CEAI602: Natural Language Processing

TIM	E: 1 Hour TOTAL MARKS	5: 20
Inst	 Figures to the right indicate full marks. Be precise and to the point in your answer. The text just below marks indicates the Course Outcomes Numbers, (CO) followed Bloom's taxonomy level of the question, i.e., R: Remembering, U: Understand Applying, N: Analyzing, E: Evaluating, C: Creating. 	
Q.1	of Natural Language Processing?	
Q.2		
Q.3	.3 Elaborate the various phases of the Skip Gram model that are utilized in Word2Vec with appropriate diagram?	
Q.4	Describe TF-IDF briefly. Apply TF-IDF for following Corpus: D1: "The Health Observations for March" D2 "The Health oriented calendar" D3: "the Awareness News for march Awareness" Query: "March health awareness" Apply above query to find similarity using Cosine function and magnitude.	[7] 1A
	END OF PAPER	