END TERM EXAMINATION

FOURTH SEMESTER [B.TECH.] MAY- JUNE 2018

		e: IT-204	Subject: Multimedia App	lication
	: 3 He		Maximum M	
Note	: Att	empt any five questions incl	uding Q.No 1 which is com	pulsory
Qί	(b) Di (c) Ez (d) Ez	hat is DCT? Explain its role in scuss MPEG-1 and MPEG-2. oplain the concept of dictionary oplain the concept of Graph edi scuss the concept of transform	based compression techniquitor?	(5x5=25 ae.
Q2		eplain RAID storage technique. Eplain various software and hai		(6.5 dia. (6
Q3		e fine multimedia? Explain diffe h at is authoring a tool? Explair		(6) (6.5)
Q4	Consider transmission of message "Went" using arithmetic coding Comprising a string of characters with probability of the characters e=0.3, n=0.3, t=0.2, w=0.1 and '.'=0.1. (12.5)			
Q5	1 res	at mede up of characters a, b, c, spectively. What will be the aver man coding.	-	
Q6		ne animation? Explain differe vare "Maya".	nt animation techniques u	sed in (12.5)
Q7	(a) (b)	Explain different types of fram What is the difference between		
Q8	(a) (b)	Differentiate NURBS and polyg What is rigid body dynamics?	onal modeling. Explain its role in animation	(8) (4.5)
Q9	(a) II (b) R	e about the following:- PR rendering un length encoding Juantization IIDI		(12.5)