School of Aeronautics (Neemrana)

Question Paper For Back / Re-back Internal Assessment Examination (Theory) - Old Scheme i.e 2012 Syllabus

Instructions For Students / Faculty

Back / Re-back Internal Examination (Total 60 Marks, 2 Hrs, Syllabus From Beginning of The Session)

Total number of questions to be given are 10, each carrying 10 marks and it is compulsory to attend 2 questions from Part A and 4 questions from Part B. There is a choice of two questions out of four in part A and 4 questions out of 6 in Part B. Part A will be theoretical or derivation type (Not More Than 70 Words For Question). Part B will be fully numerically oriented questions (Not More Than 70 Words For Question), except for the list of subjects given below. No objective type or fill in the blanks shall be given, but subpart of question can be given for both Part A & B.

* LIST OF ELABORATIVE THEORY QUESTION SUBJECTS: Aircraft Materials, Aircraft System, Aircraft Rules & Regulation-I, Mechanics of Composite Materials, Aircraft Design, Aircraft Rules & Regulation-II, Avionics-I, Helicopter Theory, Maintenance of Airframe and System Design, Avionics-II, Airlines and Airport Management, Maintenance of Power Plant & Systems

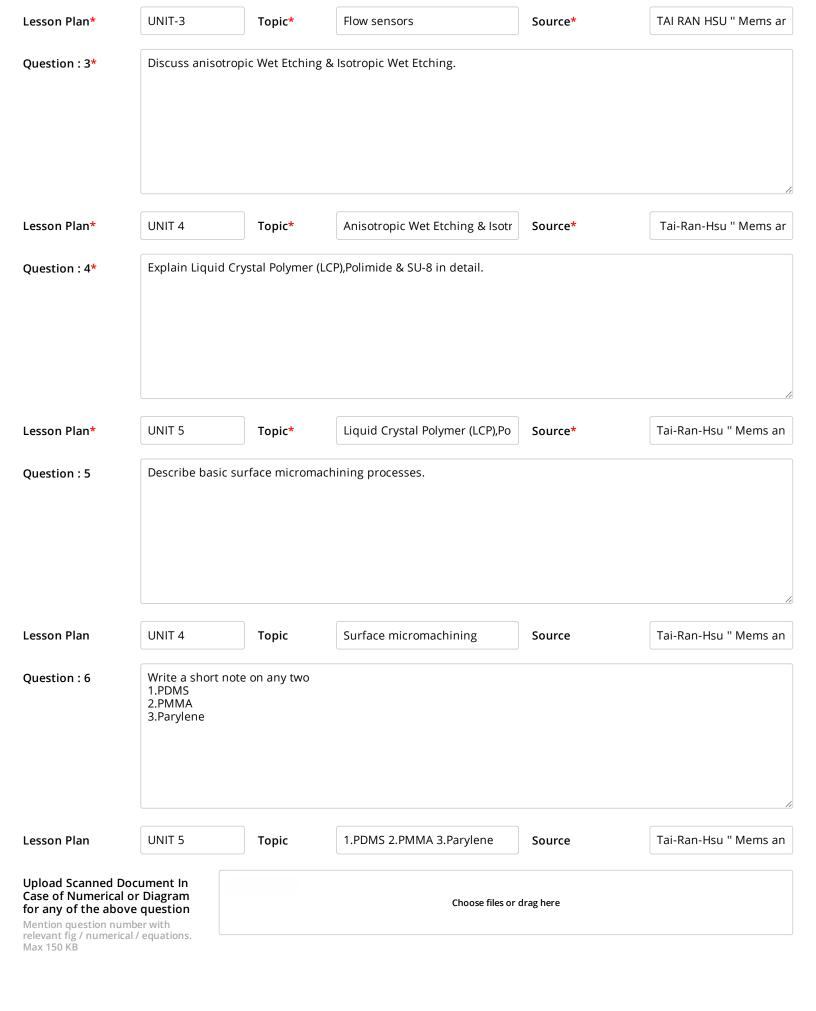
FACULTY MEMBERS, PLEASE ENSURE EXCEPT ABOVE LISTED SUBJECTS, NO THEORITICAL ELABORATIVE QUESTION SHOULD BE GIVEN IN PART 'B' OF QUESTION PAPER

STUDENT IS ALLOWED TO ENTER LATE NOT MORE THAN 15 MIN AFTER STARTING OF EXAM, AND MAY LEAVE THE EXAM HALL ON EXPIRY OF ATLEAST OF 1 Hr FROM THE STARTING TIME OF EXAMINATION

Question Paper & Student Details

Name of Faculty*		Ms	Ms Arima Patel		Date of Submission of QP		15/03/202	1			
Subject*	7MH1 - Mic	ro-Electro-Me	echanical System	(Old)	Date of Examination*		16/03/2021				
Email Id of Faculty:*		arima.pate	arima.patel01@gmail.com		Course*	B.Tech (Mechatronics Engineering)		gineering)	_		
Phone Number of Faculty*		638	638 784 0187		Semester*	Semester : 7			•		
Student Name Student Reg No.											
Part A Question: 1* Explain Micro fabrication in detail.											
									li.		
Lesson Plan*	UNIT	⁻ -1	Topic*	Micro fabrication		Source*	TAI	l RAN HSU " Mei	ms ar		

Question : 2*	Derive numerically Torsional deflection equation.											
Lesson Plan*	UNIT-1	Topic*	Torsional deflection equation	Source*	TAI RAN HSU " Mems ar							
Question : 3*	Explain Thermal Sensing and Actuation also discuss Thermal expansion.											
Lesson Plan*	UNIT-2	Topic*	Thermal Sensing	Source*	TAI RAN HSU " Mems ar							
Question : 4*	Discuss Micro Gri				lo Table 1 and 1 a							
Part B	UNIT-2	Topic*	Micro Grippers & Micro Motors	Source*	TAI RAN HSU " Mems ar							
Question : 1*	Explain Piezoresis	tive sensors & P	Piezoresistive sensor materials.									
Lesson Plan*	UNIT-3	Topic*	Piezoresistive sensors & Piezor	Source*	TAI RAN HSU " Mems ar							
Question : 2*	Describe Flow ser	sors in detail.			$\ell \ell$							



I have scrutinized the question paper. There is no spelling mistake or any type of irrelevant question.

