Seat No.:	Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY

MCA - SEMESTER- IV• EXAMINATION - SUMMER - 2017

Subject Code:3640014 Date		t Code:3640014 Date:08/06/201	e:08/06/2017	
	•	t Name: Advanced Python	70	
	me: 1 tructio	0:30 am to 1:00 pm Total Marks:	/U	
	1. 2.	Attempt all questions.Make suitable assumptions wherever necessary.		
Q.1	3. (a)	 Write a regular expression for email matching. Find out the output of: print(re.sub("[yY]es","no", "yes I said yes I will.")) Find out the output of: print(re.search("[^jjjj]","kirti").group()) What is the use of re.compile()? Write a command to create project in django. is a lightweight text-based open standard designed for human-readable data interchange. is very fast and lightweight, and the entire database is stored in a 	07	
	(b)	single disk file. Explain search and match method with example.	07	
Q.2	(a) (b)	What is csv? How to write and read from csv? Explain with example. Explain JSON with example.	07 07	
	(b)	Explain following methods with example. 1. Split() 2. sub() 3. subn() 4.findall() 5. finditr()	07	
Q.3	(a)(b)	(i) Explain GIL in brief.(ii) Differentiate: Thread v/s ThreadingWrite a python program that create Thread instance and passing in callable class instance.	03 04 07	
		OR		
Q.3	(a) (b)	Explain sax with example. Explain extension in python with example.	07 07	
Q.4	(a)	What is Cookie in CGI? How to set, retrive and remove the cookie? Explain with example.	07	
	(b)	What is WSGI? Explain with example. OR	07	
Q.4	(a) (b)	What is HTTP servers? Explain BaseHTTPServer with example. Explain methods of cursor with example.		
Q.5	(a) (b)	create the table of Emp: eid,ename,ecity,salary 1. Insert minimum 5 records 2. Update those records whose salary greater than 30000 4. Delete those records whose salary between 5000 to 10000 Use sqlite for all operations. What is machine learning? How to load and summarize the dataset?		
Q.5	(a)	OR What is django? Explain with its pros and cons.	07	
Ų.S	(a) (b)	Explain view in django with example.	07	