

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
MCA– SEMESTER –IV EXAMINATION –SUMMER-2019

Subject Code:3640014

Date: 28-05-2019

Subject Name: Advanced Python

Time:10.30 am to 1.00 pm

Total Marks: 70

Instructions:

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

- Q.1 (a)** Answer following questions **07**
1. What is the use of \d and \b?
 2. Write Regular Expression Pattern for “Fifteen or sixteen digits”.
 3. What is the use of re.split()?
 4. What is MVT?
 5. Write a command to create project in django.
 6. Purpose of NumPy Library in Python?
 7. What is “cgitb” module?
- (b)** What is web service? Explain microblogging with twitter with example. **07**
- Q.2 (a)** Explain JSON with example. **07**
- (b)** Explain match and search function with example. **07**
- OR**
- (b)** Explain methods of cursor with example. **07**
- Q.3 (a)** What is HTTP servers? Explain BaseHTTPServer with example. **07**
- (b)** What is WSGI? Explain with example. **07**
- OR**
- Q.3 (a)** What is Cookie in CGI? How to set, retrieve and remove the cookie? Explain with example. **07**
- (b)** Explain extension in python with example. **07**
- Q.4 (a)** What is model in django? How to create model? Explain with example. **07**
- (b)** What is django? Explain with its pros and cons. **07**
- OR**
- Q.4 (a)** What is template? Explain template in django with example. **07**
- (b)** Create a django application to display today's date and weeks. **07**
- Q.5 (a)** Explain sax with example. **07**
- (b)** What is DB-API Module? Explain its Attributes. **07**
- OR**
- Q.5 (a)** What is CSV? How to write and read from csv? Explain with example. **07**
- (b)** Write a python program that create Thread instance and passing in callable class instance. **07**
