

**B. TECH. SEM - III (INF. TECH.) (2014 COURSE) (CBCS) :
SUMMER - 2018**

SUBJECT: PLATFORM INDEPENDENT PROGRAMMING PARADIGMS

Day: **Friday**
Date: **25/05/2018**

S-2018-2253

Time: **02.30 PM TO 05.30 PM**
Max Marks : 60

N.B.:

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Assume suitable data if necessary.
-

Q1. What is the Operating System? List the Applications of OS. (10)

OR

Describe the Scripting Language. Write Advantages of Scripting Languages. (10)

Q.2 What is Class? Write a syntax of Class Definition in Ruby Programming Language. Give any example. (10)

OR

How to implement conditional statements in Ruby Programming Language. Give any example. (10)

Q.3 Discuss Data Types in JAVA. Write a Program to implement FIBONACCI Series. (10)

OR

Write a Program to implement Multithreading to avoid Deadlock in JAVA. (10)

Q.4 Discuss Python Programming Language Features. Write a Program to find largest number. (10)

OR

Write a program which demonstrates the use of User Defined Function/Method in Python to find out factorial number. (10)

Q.5 What is Web page? Explain Web server in detail. (10)

OR

What is Domain Name? Explain URL in detail. (10)

Q6. Explain Cross Platform Mobile Development in detail. (10)

OR

What is JUCE module Format? Explain it in detail. (10)

* * * *
