

B. TECH. SEM - III (INF. TECH.) (2014 COURSE) (CBCS) :
WINTER - 2017
SUBJECT: PLATFORM INDEPENDENT PROGRAMMING PARADIGMS

Day: **Monday**
Date: **22/01/2018**

Time: **10.00 AM TO 01.00 PM**
Max Marks : 60

W-2017-2045

N.B.:

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

Q1. Define Compiler. Write down its use in Platform Independent OS Development. (10)

OR

Write down need for Cross Platform Development in detail (10)

Q2 List different Data Types in Ruby Programming Language. Explain with example. (10)

OR

Write all conditional and looping statements in Ruby Language and Explain their use with example. (10)

Q.3 Draw Block Diagram for JAVA Architecture and Describe use of JVM. (10)

OR

Discuss Data Types of JAVA. Write a Program to implement Prime Number. (10)

Q.4 State features of Python Programming Language. Write a Program to find addition of numbers from 1-10. (10)

OR

List different Data Types in Python. Write a program to display FIBONACCI Series which demonstrates the use of Data Types. (10)

Q.5 List different TAGS available in HTML and Explain any four TAGS in detail with example. (10)

OR

What is Web page? Explain use of Web Server in detail. (10)

Q6. Explain use and Applications of Cross Platform Development Strategy in Detail. (10)

OR

Describe JUCE Module Format in Detail. (10)

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