

B. Tech. Sem - III (Inf. Tech.) (2014 COURSE) (CBCS) : SUMMER - 2019

SUBJECT: PLATFORM INDEPENDENT PROGRAMMING PARADIGMS

Day: Wednesday
Date: 15/05/2019

S-2019-2574

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 with necessary.
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Q.1 What is a Compiler? Explain Interpreters in detail. **(10)**

OR

Q.1 a) What is Cross Platform? **(05)**

b) Describe Operating System in detail. **(05)**

Q.2 Explain and Write Syntax of Ruby Programming language with any one example. **(10)**

OR

Q.2 Write Conditional statement and loops in Ruby programming language with example. **(10)**

Q.3 Draw and Explain JVM Architecture in detail. **(10)**

OR

Q.3 Describe Data Types for Java and write a program for Positive and Negative No. for Java. **(10)**

Q.4 What are the Key Features of Python? Write a program to find out Largest No. using Python. **(10)**

OR

Q.4 Explain Inheritance in Python with any one example. **(10)**

Q.5 Write Short Notes: **(10)**
a) Web Server b) HTML.

OR

Q.5 What is Internet and Intranet? Draw Web Page using HTML for College Web Page. **(10)**

Q.6 Explain Cross Platform development and Challenges in detail. **(10)**

OR

Q.6 Describe JUCE Module Format in detail. **(10)**