UNIVERSITY OF PETROLEUM AND ENERGY STUDIES

End Semester Examination, December 2017

Program: B.Tech. (CSE+OSS&OS)   Semester –   III
Subject (Course): OSS Development Methodology   Max. Marks   : 100
Course Code   : CSIB202   Duration   : 3 Hrs
No. of page/s: 1

Section A

Note: Attempt All the question   5*4

Que 1. Define the scope of open source software in the current scenario.
Que 2. How big companies like Apple, IBM, HP etc. are contributing in OSS.
Que 3. "Version Control is one of the important tool in OSS". Give your views on the statement.
Que 4. What are the different phases of OSS development?
Que 5. Distribution of OSS over internet community, makes the final product more efficient. How much are you agree with and why?

Section B

Note: Attempt All the question   4*10

Que 6. How decision making affect the open source project development?
Que 7. What do you understand with moving target problem in open source software development?
Que 8. Openness is essential in OSS but with some limitation. Focus on the limitations.
Que 9. Discuss in brief about the conventional models of software development.

<div align="center">***OR***</div>

Community in OSS is highly recommended. Why?

Section C

Note: Attempt All the question   2*20

Que 10. The cathedral and Bazaar Model introduced by Eric Raymond in 1997. Discuss it in detail.
Que 11. Discuss the following:
    a) OSS Licensing **_OR_** Test Management
    b) Package **_OR_** Modularity and Division of labor
    c) Types of OSS
    d) Bug Tracking Tools