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UNIVERSITY OF PETROLEUM AND ENERGY STUDIES

Mid Semester Examination, March 2018

Programme: Btech CSE MS

Course Name: PLM

Course Code: CSEG367

No. of page/s:

Semester – VI

Max. Marks : 100

Duration : 3 Hrs

Section A all Questions are compulsory, Section B has choice in Q7 and attempt any one Section C

SECTION A

(4x7.5)

Q1. Describe the vision provided by PLM

Q2. Differentiate between Standardization and globalization of product

Q3. Describe the stages of PLM.

Q4. Where can PLM be applicable?

SECTION B

(3x15)

Q5. Describe the conceptual information flow of IBM Manufacturing Release Management Solution.

Q6 a) "Human Resources is the main component of Product lifecycle management (PLM)." What are the functionalities provided by HR to PLM.

b) What is the role of dominators and innovators in plm ecosystem.

Q7. a) Internal and External drivers affect working of PLM? Support your answer with valid justification.

OR

b) Differentiate between

- Platform testing and integration and Customer acceptance testing:
- Performance testing and tuning and Operational method testing:

SECTION C

(25)

Q8.a) Can PLM be applied to automobile or paint sector. What are the challenges that can be faced while this implementation. Explain the process in details.

OR

b) PLM finds its application in medical sector also. How far is PLM successful in supporting this area.