

Roll No: -----



## UNIVERSITY OF PETROLEUM AND ENERGY STUDIES

End Semester Examination, December 2017

Program: B.Tech CSE(BAO)

Subject (Course): Business Process Management

Course Code : CSIB 281

No. of page/s: 01

Semester – III

Max. Marks : 100

Duration : 3 Hrs

---

### Section A

(4 marks each)

- Q1. Explain abstraction with the help of a diagram.
- Q2. Elaborate on the phases in the lifecycle of a process.
- Q3. Compare and contrast organizational and operational business processes.
- Q4. Define the role of the following in business process domain: Chief Process Officer, Business Engineer and Process Designer.
- Q5. Differentiate between Activity model and activity instance.

### Section B

(10 marks each)

- Q6. Explain the importance of Design and Analysis in the lifecycle of a business process.
- Q7. Classify and explain BPM activities.
- Q8. Elaborate on the phases of BPM life cycle.
- Q9. Explain the terms Business Process Integration and Business Process Re-engineering using examples.

### Section C

(20 marks each)

- Q10. “BPM is based on the study that, each product that a company provides to market is the result of activities performed” Justify.
- Q11. Elaborate on “Flexibility is the key operational objective of business process management”.

**OR**

- Q12. “Functional decomposition of coarse grained business functions to fine-granular activities describes the functional perspective of a business process” Elaborate.

Roll No: -----



## UNIVERSITY OF PETROLEUM AND ENERGY STUDIES

End Semester Examination, December 2017

Program: B.Tech CSE(BAO)

Subject (Course): Business Process Management

Course Code : CSIB 281

No. of page/s: 01

Semester – III

Max. Marks : 100

Duration : 3 Hrs

---

### Section A

(4 marks each)

- Q1. Define the role of the following in business process domain: knowledge worker, system architect and developer.
- Q2. List the artifacts contained in process application.
- Q3. Differentiate between Coach and Heritage Coach.
- Q4. Bring out the concepts identified in the meta-model of a process.
- Q5. In-case of mass production of a product which is better degree of automation or degree of repetition.

### Section B

(10 marks each)

- Q6. Define and discuss the steps for modeling a BPD process.
- Q7. Discuss the tools and components available in the IBM Process Designer.
- Q8. Explain the functions which are executed by services when a task is called upon at the beginning of a BPD.
- Q9. List the various types of events in IBM BPM. Also explain when to use each type of event.

### Section C

(20 marks each)

- Q10. "Functional decomposition of coarse grained business functions to fine-grained activities describes the functional perspective of a business process" Elaborate.
- Q11. "Identification, modeling, validation, simulation and verification are the most crucial aspect of process lifecycle in a business" Comment.

**OR**

- Q12. Using Examples bring out the importance of BPR and how it can be useful in enhancing efficiency and effectiveness of processes existing within and across organization".