Name:

Enrolment No:



UNIVERSITY OF PETROLEUM AND ENERGY STUDIES End Semester Online Examination, May 2020

SECTION A (Attempt all)

Course: Lean Manufacturing

Program: BBA Core (Specialization Operations)

Course code: LSCM 2015

WCM?

principles.

Q 12

Semester: VI Time: 03 Hours Max. Marks: 100

10

20

CO4

CO3,

CO₄

Marks CO "Heijunka", the Japanese term means _____ Q 1 CO₁ Two main pillars of TPS are _____ and ____ Q 2 5 CO₁ QFD stands for Q 3 5 CO₂ TQM (Total Quality Management) is mainly used to obtain zero defects. (True/False) O 4 CO₂ Q 5 Which of the following is type of aggregate planning strategies? a) Chase Strategy b) Business Strategy 5 CO₃ c) Corporate Strategy d) Lean strategy e) Both b and c , firstly coined the term Six Sigma (6σ) . Q 6 5 CO₄ **SECTION B** Differentiate between Manufacturing Operations and Service Operations. Q 7 10 CO₁ Explain JIT with an example. Name four building blocks of JIT Manufacturing. Q 8 10 CO₁ Q 9 Differentiate between Process Mapping and Value Stream Mapping. 10 CO₂ Q 10 Discuss five primary elements of lean manufacturing. CO₂, OR 10 CO₃ What are the five core issues towards lean culture change? Define World Class Manufacturing. What are the success factors for implementing Q 11

SECTION-C (Attempt all)

Explain Henry Ford mass production. Discuss the Toyota's ten management