

Total No. of Questions : 5]

SEAT No. :

P6909

[Total No. of Pages : 2

[5860]-414

M.B.A.

OSCM - 404 : INDUSTRY 4.0

(2019 Pattern) (Semester - IV) (SC - OSCM - 06)

Time : 2½ Hours]

[Max. Marks : 50

Instructions to the candidates:

- 1) *All questions are compulsory.*
- 2) *Each question has an internal choice.*

Q1) Answer any Five out of 8 questions :

[2 each]

- a) Write about Japanese Vs Western approach for manufacturing excellence.
- b) List the developments of Industry 4.0 in developed countries.
- c) Write about Mechatronics.
- d) Write about business and society with respect to Industrial revolution.
- e) What is internet of things.
- f) What are drivers for Industry 4.0
- g) What are enablers for Industry 4.0
- h) Compare Industry 4.0 factory and Today's factory.

Q2) Answer Any Two :

[5 each]

- a) Discuss about collaborative platform and product life cycle Management in Industry 4.0.
- b) Describe about Reference Architectural Model Industries 4.0 (RAMI 4.0)
- c) What is Big data analytics and its significance of V's of big data.

P.T.O.

Q3) Answer Any One : [10]

- a) Discuss about virtual Reality and Mixed Reality with examples.
- b) Discuss about strategies for competing in an Industry 4.0 era.

Q4) a) Explain cloud computing for Industry 4.0 [10]

OR

- b) Discuss about automated guided vehicles. [10]

Q5) a) How leadership is impacting Industry 4.0 in the current scenario [10]

OR

- b) Explain about smart Industry Readiness Index with examples. [10]

