

Total No. of Questions : 5]

SEAT No. :

P-3795

[Total No. of Pages : 2

[6025]-84

M.B.A.

404OSCM : SC-OSCM-06 : INDUSTRY 4.0

(2019 Pattern) (Semester - IV)

Time : 2½ Hours]

[Max. Marks : 50

Instructions to the candidates:

- 1) All questions carry equal marks.
- 2) All questions are compulsory.

Q1) Answer in short (Solve any 5)

[2 marks each]

- a) Describe Mechatronics.
- b) Development of Industry 4.0 in developed countries.
- c) Explain 4<sup>th</sup> Industrial Revolution.
- d) Comparison of Industry 4.0 factory and today's factory.
- e) Write about Network economy.
- f) Western approach for manufacturing excellence.
- g) Challenges for Industry 4.0.
- h) Enlist various Industrial Revolution.

Q2) Answer any two out of three.

[5 Marks Each]

- a) Explain the concept of Smart manufacturing.
- b) Comment on pillars of Industry 4.0.
- c) Comment on smart transportation.

P.T.O.

**Q3) a)** What are Robots & Cobots? Explain with examples. [10]

OR

b) Discuss about Automated Guided vehicle with examples. [10]

**Q4) a)** Describe Big data analysis anti relevant examples. [10]

OR

b) Explain four types of Analysis & discuss each with examples. [10]

**Q5) a)** Write the challenges and opportunities for industry with respect to industry 4.0. [10]

OR

b) Describe Smart Industry Readiness Index (SIRI) with relevant examples. [10]

