

Total No. of Questions : 5]

PB4765

SEAT No. : PUNE-02

[Total No. of Pages : 2

[6201]-414

S.Y.M.B.A.

404-OSCM-SC-OSCM-06 : INDUSTRY 4.0

(Revised 2019 Pattern) (Semester - IV)

Time : 2½ Hours]

[Max. Marks : 50

Instructions to the candidates:

- 1) *Attempt all questions.*
- 2) *Draw neat, labelled diagram wherever necessary.*
- 3) *Assume suitable data if neccesary.*

Q1) Answer any 5 out of 7.

[5×2=10]

- a) Define Internet of Things(IoT).
- b) What is Automated Guided Vehicle (AGV)?
- c) Enlist any 2 challenges which can be faced by Industry 4.0?
- d) Define Horizontal & Vertical Integration?
- e) Mention any 2 drivers & 2 enablers for Industry 4.0?
- f) What do you mean by the term “Manufacturing Excellence”?
- g) Define “Network Economy”.

Q2) Answer Any 2 out of 3.

[2×5=10]

- a) Explain in brief about Software Defined Network(SDN).
- b) Differentiate between Robots & Cobots.
- c) List & explain any 5 strategies for competing in an Industry 4.0 era.

Q3) Answer any 1 out of 2.

[1×10=10]

- a) Explain in detail about digitalization and the networked economy with example.

OR

- b) What do you mean by Big Data Analytics (BDA) and significance of V's of big data. Explain with example.

P.T.O.



Q4) Answer any 1 out of 2.

[1×10=10]

- a) Explain in detail: Artificial Intelligence and Cloud Computing Basics.

OR

- b) Briefly Explain Smart Industry Readiness Index (SIRI)

Q5) Answer any 1 out of 2.

[1×10=10]

- a) Illustrate with examples the complete ecosystem comprising of Industry 4.0 and adaptiveness of Society 5.0.

OR

- b) What is the future of work system and skill requirements in India. Explain with the help of example.

