

Total No. of Questions : 5]

SEAT No. :

PF12116

[Total No. of Pages : 2

[6648]-810

S.Y.M.B.A.

SEOSCM-09 : INDUSTRY 4.0

(2024 Pattern) (Semester - IV)

Time : 2½ Hours]

[Max. Marks : 50

Instructions to the candidates:

- 1) *All questions are compulsory,*
- 2) *Make necessary assumptions, wherever required.*
- 3) *All questions carry equal marks.*

Q1) Solve any five:

[5×2=10]

- a) Define Industry 4.0.
- b) State any two characteristics of Industry 4.0.
- c) What is virtualization?
- d) What is real-time capability?
- e) What is predictive analytics?
- f) Define Internet of Services.
- g) What is data as a resource?
- h) Define smart retail.

Q2) Solve any two.

[2×5=10]

- a) Explain the future scope and trends of Industry 4.0 technologies.
- b) Discuss the importance of cyber security in smart industries.
- c) Explain how cloud computing supports smart factories.

P.T.O.

Q3) Solve any one. [10]

a) Discuss Industry 4.0 applications in manufacturing industries.

OR

b) Discuss the applications of Industry 4.0 in the retail and healthcare sectors with reference to National Data-Base Analysis (NDBA).

Q4) Solve any one. [10]

a) Explain the relationship between cloud computing and Industry 4.0.

OR

b) Explain methods for harnessing and sharing knowledge in organizations.

Q5) Solve any one. [10]

a) Discuss collaboration and knowledge sharing in organizations.

OR

b) Discuss cyber security issues in Industry 4.0.

