PRESIDENCY UNIVERSITY
BENGALURU

SET A

SCHOOL OF INFORMATION SCIENCE
END TERM EXAMINATION - JAN 2024

Semester : Semester V - 2021
Course Code : MEC3201
Course Name : Industry 4.0
Program : BCA

Date : 04-JAN-2024
Time : 1:00 PM - 4:00 PM
Max Marks : 100
Weightage : 50%

Instructions:
(i) Read all questions carefully and answer accordingly.
(ii) Question paper consists of 3 parts.
(iii) Scientific and non-programmable calculator are permitted.
(iv) Do not write any information on the question paper other than Roll Number.

PART A

ANSWER ALL THE QUESTIONS

4 X 5M = 20M

1. Explain broiefly evolution of Industry

(CO1) [Knowledge]

2. Briefly explain conceptual frame work of industry 4.0

(CO2) [Knowledge]

3. From your point of you explain how industry 4.0 technologies will bring changes in Aerospace and defence

(CO3) [Knowledge]

4. How Industry 4.0 impacts on operation of Government

(CO4) [Knowledge]

PART B

ANSWER ALL THE QUESTIONS

5 X 10M = 50M

5. Explain the Evolution of Industry 4.0 in detail.

(CO1) [Comprehension]

6. Explain aggriculture 4.0 framework with suitable diagram.

(CO2) [Comprehension]

7. Explain about Airospace 4.0 technologies in detail

(CO3) [Comprehension]

8. List the E Learning tools in classromm teaching and discuss any two in details

(CO4) [Comprehension]

9. As per your understanding write in detail about the advancement in Education industry in Industry 4.0 setting

(CO4) [Comprehension]

PART C

ANSWER ALL THE QUESTIONS   2 X 15M = 30M

10. Explain industry 4.0 applications in health sector

(CO3) [Application]

11. Describe the role of AI and VR based technologies in Industry 4.0

(CO1) [Application]