

NGM COLLEGE (AUTONOMOUS) POLLACHI  
END-OF-SEMESTER EXAMINATIONS MAY - 2026

I B.COM – FINANCE  
II SEMESTER

MAXIMUM MARKS : 50  
TIME : 2 Hours

25UCF2S1 – INTRODUCTION TO INDUSTRY 4.0

SECTION – A

(10 X 1 = 10 MARKS)

ANSWER THE FOLLOWING QUESTIONS.

MULTIPLE CHOICE QUESTIONS.

K1

1. Which of the following best explains the need for Industry 4.0?
  - a) To reduce use of machines
  - b) To improve efficiency through automation and data exchange
  - c) To eliminate computers
  - d) To increase manual labor
2. Which of the following is a major challenge in implementing AI systems?
  - a) Unlimited resources
  - b) Data privacy and ethical concerns
  - c) No need for data
  - d) Easy decision-making
3. Which characteristic of Big Data refers to the speed of data generation
  - a) Volume
  - b) Variety
  - c) Velocity
  - d) Value
4. In which sector is IoT widely used for real-time patient monitoring?
  - a) Agriculture
  - b) Healthcare
  - c) Education
  - d) Transportation
5. Which of the following skills is most important for future jobs in Industry 4.0?
  - a) Only manual skills
  - b) Digital and analytical skills
  - c) No skills required
  - d) Only physical strength

ANSWER THE FOLLOWING IN ONE OR TWO SENTENCES.

K2

6. Illustrate the Industry 4.0?
7. Show the meaning of Artificial Intelligence?
8. Show the meaning of Big Data?
9. Translte the IoT?
10. Illustrate the Education 4.0?

SECTION –B

(5 X 8 = 40 MARKS)

ANSWER ANY FIVE OF THE FOLLOWING QUESTIONS,

K4 & K5

11. Identify the need for Industry 4.0. (K3)
12. Analyse the technologies of Industry 4.0 with examples. (K3)
13. Analyse the societal impacts and future prospects of AI. (K4)
14. Examine the foundations of Artificial Intelligence. (K3)
15. Identify the characteristics of Big Data. (K3)
16. Examine Big Data processing frameworks and tools. (K4)
17. identify the applications of IoT in any three sectors. (K3)
18. Explain the concept of Industry 4.0, Education 4.0, and Curriculum 4.0 (K5)