



II JAI SRI GURUDEV II

Sri Adichunchanagiri Shikshana Trust®

**SJB Institute of Technology**

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

No. 67, BGS Health & Education City, Dr. Vishnuvardhan Road,

Kengeri, Bengaluru-560060

Web:www.sjbit.edu.in,Email:principal@sjbit.edu.in, Phone:080-28612445/46, Fax: 080-28612651

**Department of Management Studies (MBA)**

## **Question Bank**

**Subject Name : EMERGING EXPONENTIAL TECHNOLOGIES**

**Subject Code: 20MBA301**

**Semester: III**

## MODULE 1

1. What do you mean by Emerging Technology?
2. Outline the historical importance of Industrial Revolution (Technology).
3. Explain the future trends in Emerging Technology.
4. What is HMI? List out its applications.

## MODULE 2

- 1.Elaborate the role of data for emerging technology.
- 2.What is Data Science?
- 3.List the differences between Data & Information.
- 4.Classify the different types of data.
- 5.Explain Data Value Chain.

## MODULE 3

- 1.What is Artificial Intelligence? List examples of AI applications in business.
- 2.Illustrate the different levels of AI.
- 3.Discuss the different types of AI based on capabilities and functionalities.
- 4.What are the components of Smart Grid? Discuss the advantages and disadvantages of Smart Grid.
- 5.Technology was merely used to automate the most routine and monotonous tasks and cut down on the use of paper through digitization of health records while also aiding in the easy flow of this information among insurance companies, hospitals, and patients. Explain the applications of AI in healthcare sector.
- 6.What is IOT and IIoT?

## MODULE 4

- 1.List out the role of smart phones in IOT.
- 2.What are the Challenges in Internet of things? Discuss.
- 3.Illustrate with block diagram the IOT working process/Architecture.

## MODULE 5

1. What is Cloud Computing?
2. Explain the architecture of AR System.
3. What is Digital Privacy?
4. Describe the applications of AR and VR

## MODULE 6

1. Describe the various ethical challenges in the usage of emerging technologies.
2. What is additive manufacturing? Explain its significance with examples.
3. What is Computer Vision?
4. Define Block Chain Technology and why it is important?
5. Write short notes on
  - \*Virtual Reality and its types
  - \*Quantum Computing
  - \*Cyber Security
  - \*Autonomic Computing