

**MBA**  
**(SEM IV) THEORY EXAMINATION 2022-23**  
**EMERGING TECHNOLOGIES IN GLOBAL BUSINESS ENVIRONMENT**

Time: 3 Hours

Total Marks: 100

Note: Attempt all Sections. If require any missing data; then choose suitably.

**SECTION A**

- 1. Attempt all questions in brief. 2 x 10 = 20**
- a. Briefly explain role of data for emerging technologies.
  - b. What are the components of artificial intelligence?
  - c. Explain AR vs. VR.
  - d. What is blockchain?
  - e. Give principles of circular economy.
  - f. What is behavioral economics?
  - g. Define identity politics.
  - h. What is freedom of expression?
  - i. Define social inequality.
  - j. What is existential risk?

**SECTION B**

- 2. Attempt any three of the following: 10 x 3 = 30**
- a. Illustrate the historic journey of Industry 4.0.
  - b. Explain the storage structure and working of blockchain.
  - c. Discuss the contemporary cases in economic nationalism.
  - d. Discuss issues and challenges of identity politics.
  - e. Discuss issues of climate refugees and what approaches has been taken by United Nations and The European Union to resolve.

**SECTION C**

- 3. Attempt any one part of the following: 10 x 1 = 10**
- a. Explain new age ethical challenges of industry 4.0.
  - b. Discuss different phases involved in implementation of industry 4.0 from automation pyramid to transformation pyramid.
- 4. Attempt any one part of the following: 10 x 1 = 10**
- a. Discuss the concept of deep learning singularity.
  - b. Describe mass customization and customer experience.
- 5. Attempt any one part of the following: 10 x 1 = 10**
- a. Explain different types of platforms in sharing economics.
  - b. Discuss ethical concerns of behavioural economics.
- 6. Attempt any one part of the following: 10 x 1 = 10**
- a. What are the principles of authoritarianism? Explain the impact of authoritarianism on geo politics.
  - b. Discuss the features of ideal democracy.
- 7. Attempt any one part of the following: 10 x 1 = 10**
- a. Discuss the impact on global trade with the rise of China.
  - b. Explain five types of risk associated with AI.