



# Visvesvaraya Technological University

Jnana Sangama, Belagavi – 590 018.

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Registrar (Evaluation)

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Date: 11 AUG 2020

## CIRCULAR

**Sub : Instructions for the Examinations during August/ September 2020.**  
**(Applicable only for August/ September 2020 Examinations).**

- i) a. **For Regular Students:**  
Students of Terminal semesters of U.G. and P.G. programs have to Answer any Five full questions, irrespective of Modules.
- b. **For Eligible Arrear Students :**  
The question paper pattern remains unchanged as per respective scheme.
- ii) All Chief Superintendents are instructed to make a separate seating arrangement for Regular (Terminal Semesters) students and Arrear students.
- iii) Room Invigilators are instructed to clearly announce the instructions provided in the question paper to the students, before the start of examinations.

The contents of this circular may kindly be brought to the notice of all the concerned.

Sd/-  
Registrar (Evaluation)

To,

The Principals of all the affiliated engineering colleges.

C.W.C. :

1. The Hon'ble Vice Chancellor, through the Secretary to VC, VTU, Belagavi, for kind information.
2. The Registrar, VTU, Belagavi, for kind information.
3. The Regional Directors, R.O. Bengaluru / Belagavi / Kalaburagi / Mysuru, for kind information.

  
Registrar (Evaluation)

# CBCS SCHEME

USN

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Subject Code

**Eighth Semester B.E. Degree Examination, Aug./Sept.2020**

## **Model Question Paper**

Time: 3 hrs.

Max. Marks: 80

**Note: i) For Regular Students: Answer any FIVE full questions irrespective of modules.**

**ii) For Arrear Students : Answer any FIVE full questions, choosing ONE full question from each module.**

### **Module-1**

- 1 a. Define reportable injury and serious bodily injury. Explain composition of the committee as per power mines Act 1952. (08 Marks)
- b. Define certifying surgeon and explain provisions of drinking water and conservancy as per mines Act 1952. (08 Marks)
- 2 a. Explain hours of above ground employees and below ground employees. (08 Marks)
- b. Explain penalties and procedure for notice of accidents and failure to appoint a manger. (08 Marks)

### **Module-2**

- 3 a. Define calendar year, financial year, and name the various forms which are appended in mine rules 1955. (08 Marks)
- b. Explain initial medical examination and periodical medical examination. (08 Marks)
- 4 a. Explain first aid room and first aid station as per mine rules 1955. (08 Marks)
- b. Explain pit safety committee and its composition. (08 Marks)

### **Module-3**

- 5 a. Define the following terminologies as per MMR 1961/CMR 2017.  
i) Competent person ii) Face iii) Banksman iv) Misfire. (08 Marks)
- b. Explain notice of opening, quarterly returns and annual returns. (08 Marks)
- 6 a. Explain duties and responsibilities of manager as per MMR 1961/CMR 2017. (08 Marks)
- b. Explain various plans and section as per MMR1961/CMR 2017. (08 Marks)

### **Module-4**

- 7 a. Explain general restrictions on undertaking prospecting and mining operation. (16 Marks)
- 8 a. Explain procedure for obtaining prospecting license as per MMDR Act 1957. (16 Marks)

### **Module-5**

- 9 a. Explain standards of crèches as per crèche rules, 1966. (08 Marks)
- b. Explain right to payment of maternity benefit as per maternity benefit Act. (08 Marks)

Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.  
2. Any revealing of identification, appeal to evaluator and /or equations written eg. 42+8 = 50, will be treated as malpractice.

- 10 a. Explain supply and use of electrical energy in Indian mines. (08 Marks)  
b. Explain coal mines provident fund scheme as per coal mines provident fund Act. 1948. (08 Marks)

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SPECIMEN

# CBCS SCHEME

USN

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Subject Code

## Fourth Semester MBA Degree Examination, Aug./Sept. 2020 Model Question Paper

Time: 3 hrs.

Max. Marks:100

**Note: Answer any FIVE full questions.**

- 1 a. Differentiate between Intrapreneur & Entrepreneur. (03 Marks)  
b. Explain the reasons for failure of a business plan. (07 Marks)  
c. Mention the four stages in entrepreneurial process. Briefly explain what aspects are considered at each of these stages. (10 Marks)
- 2 a. What is meant by creativity in the context of entrepreneurship? (03 Marks)  
b. Explain the role of entrepreneurship in economic development. (07 Marks)  
c. What factors needs to be considered while investing in a franchise? (10 Marks)
- 3 a. What is meant by synectics? (03 Marks)  
b. Explain the sources of new ideas to the entrepreneurs. (07 Marks)  
c. Explain the business plan process. (10 Marks)
- 4 a. What is single window scheme? (03 Marks)  
b. Examine the new product development process. (07 Marks)  
c. Write a short notes on: i) SIDO            ii) DIC            iii) IIE            iv) IDBI (10 Marks)
- 5 a. What are the types of family business? (03 Marks)  
b. Explain the entry strategies of international business. (07 Marks)  
c. Although international and domestic entrepreneurs alike are concerned with sales, costs and profits, what differentiates domestic from international entrepreneurship? Explain. (10 Marks)
- 6 a. What is 3-circle model of a family business? (03 Marks)  
b. Briefly explain the barriers of international trade. (07 Marks)  
c. Explain the rights and responsibilities of family share holders of a family business. (10 Marks)

Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.  
2. Any revealing of identification, appeal to evaluator and /or equations written eg. 42+8 = 50, will be treated as malpractice.

- 7 a. Who are business angels? (03 Marks)  
b. Explain the venture capital process. (07 Marks)  
c. Explain the advantages and disadvantages of acquisition. (10 Marks)

8 **Jamsetji Tata – Father of Indian Steel Industry**

Born in a Parsi family in 1839, Jamsetji Nusserwanji Tata came to Bombay at the age of 14. In 1868, at age 29, he started a private trading firm with a capital of ₹ 21,000. His travels in the Far East and Europe had inspired in him the desire to manufacture cotton goods. So, in 1877, he launched the famous Empress Mill in Nagpur.

The enterprise became his laboratory where he tried experiments in technology and labour welfare. In 1866, he instituted a pension fund and, in 1895, he began to pay accident compensation. At 47, he launched the swadeshi mills to mark the beginning of the swadeshi movement (a movement to popularize the use of indigenous goods as opposed to British goods, which marked an important forward surge in India's struggle for freedom). This mill was massively supported by Indian shareholders.

Laid the ground work for India's first steel company (Tata steel), first major Indian power company (Tata Hydro-Electric power) and India's first technical education institute (Tata institute of science at Bangalore). Jamsetji is the founder of India's biggest business house. The group has over 200 companies. Market cap of the 45 major companies as on 31-3-1999 was ₹ 22,345 crore.

Jamsetji was a true nationalist who foresaw the significance of the industrial revolution for India and spelt-out the three basic ingredients necessary to attain it. Steel was the mother of heavy industries; hydroelectric power was the cheapest energy to be generated and technical education, coupled with research, was essential for industrial advancement. Jamsetji stands tall among Indian entrepreneurs.

Questions:

- a. How J.N. Tata demonstrated his entrepreneurship qualities? (05 Marks)  
b. "J. N. Tata was a true nationalist and a pioneer of industries". Discuss the statement with examples. (05 Marks)  
c. Details J.N. Tata's contributions to learning in India. (05 Marks)  
d. What are ethos of tata group? (05 Marks)

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