



MAHATMA GANDHI INSTITUTE OF TECHNOLOGY
(Autonomous)
M.Tech. III Semester End Examinations
(Model Question Paper)

MR-21

Course Title: Block chain and Its Applications
Time: 3 hours

Course Code: CS311PE
Max. Marks : 70

Note: Answer ALL Questions
Part-A (10 x 2 = 20 Marks)

Q. No.	Stem of the Question	M	L	CO	PO
Unit-I					
1. a)	Define blockchain.	2	1	1	1
1. b)	What is double-spend problem?	2	1	1	2
Unit-II					
1. c)	Illustrate digital art.	2	2	2	1
1. d)	What is meant by digital asset protection?	2	1	2	2
Unit-III					
1. e)	What is Sean's Outpost?	2	1	3	1
1. f)	Define Learncoin.	2	2	3	1
Unit-IV					
1. g)	Define token and state different forms of tokens.	2	1	4	1
1. h)	Illustrate campuscoin and foldingcoin.	2	2	4	12
Unit-V					
1. i)	List business model challenges in blockchain.	2	2	5	1
1. j)	What is Hyperledger?	2	1	5	1

Part-B (5 x 10=50 Marks)

Q. No.	Stem of the Question	M	L	CO	PO
Unit-I					
2. a)	Describe the layers in the bitcoin blockchain technology.	5	2	1	1
2. b)	Illustrate how a cryptocurrency works?	5	3	1	2
OR					
2. c)	Illustrate personal cryptosecurity.	5	3	1	12
2. d)	What is crowdfunding and give its platforms.	5	2	1	1
Unit-II					
3. a)	Discuss Bitcoin neutrality.	5	3	2	12
3. b)	Explain Digital identity verification services.	5	2	2	2
OR					
3. c)	Describe the decentralized domain name system.	5	3	2	1
3. d)	Illustrate freedom-of-speech applications.	5	2	2	2
Unit-III					
4. a)	What are Gridcoin and Foldingcoin?	5	3	3	1
4. b)	Discuss Smart contract literacy in detail.	5	2	3	2
OR					
4. c)	Illustrate blockchain genomics.	5	2	3	12
4. d)	Explain community supercomputing and global health applications of blockchain.	5	3	3	2
Unit-IV					
5. a)	Describe tokenization process of blockchain technology.	5	2	4	1
5. b)	Discuss coindrop strategy.	5	3	4	1
OR					
5. c)	Explain currency multiplicity.	5	2	4	1
5. d)	Describe Demurrage currency.	5	3	4	2
Unit-V					
6. a)	Illustrate some solutions to technical issues related to blockchain.	5	3	5	12
6. b)	Explain technical challenges in blockchain technology.	5	3	5	12
OR					
6. c)	Discuss government regulations.	5	2	5	12
6. d)	Describe scandals and public perception.	5	3	5	2

M: Marks; L: Bloom's Taxonomy Level; CO: Course Outcome; PO: Programme Outcome



M.Tech. III Semester End Examinations
(Model Question Paper)

Course Title: Entrepreneurship

Course Code: MT3210E

Time: 3 hours

Max. Marks : 70

Note: Answer ALL Questions

Part-A (10 x 2 = 20 Marks)

Q. No.	Stem of the Question	M	L	CO	PO
Unit-I					
1. a)	What are the elements of Entrepreneurship?	2	1	1	6
1. b)	What are the different types of business ownership?	2	1	1	7
Unit-II					
1. c)	What do you mean by Patent & Trademark?	2	1	2	8
1. d)	Define Promotion. What are the examples of Promotion?	2	2	2	7
Unit-III					
1. e)	What is equity financing?	2	2	3	11
1. f)	What's the Difference Between a Grant & Subsidy?	2	3	3	8
Unit-IV					
1. g)	What is New Entry & Newness?	2	2	4	11
1. h)	What are the different sources for New Entry Opportunity?	2	2	4	11
Unit-V					
1. i)	What are the different contributions of Women Entrepreneurs in economic development?	2	2	5	11
1. j)	What are the different roles played by NGO's?	2	2	5	11

Part-B (5 x 10=50 Marks)

Q. No.	Stem of the Question	M	L	CO	PO
Unit-I					
2. a)	Summarize the role of government in promotion of an entrepreneur?	5	4	1	6
2. b)	Distinguish between Entrepreneur and Manager?	5	3	1	6
OR					
2. c)	Explain the Role of an Entrepreneur in the economic development of country.	5	2	1	7
2. d)	Mention the different types of Ownership & Explain in detail?	5	2	1	9
Unit-II					
3. a)	Explain the major steps in Project Management Life Cycle?	5	2	2	11
3. b)	Describe SWOT analysis with an example?	5	3	2	4
OR					
3. c)	Explain the sources of Opportunity analysis in detail.	5	3	2	12
3. d)	What is a feasibility study? Explain TELOS model in detail.	5	3	2	4
Unit-III					
4. a)	List out the ten sources of Capital?	5	2	3	11
4. b)	Explain the different types of investors in detail.	5	2	3	9
OR					
4. c)	What do you meant by Cost Benefit Analysis and explain its process in detail.	5	3	3	11
4. d)	Compare Debt & Equity method of financing?	5	4	3	11
Unit-IV					
5. a)	What do you meant by environmental instability and explain its first mover advantages & disadvantages	5	4	4	7
5. b)	Explain the different market Scope Strategies?	5	5	4	10
OR					
5. c)	What is Entrepreneurial Strategy & What are the elements of Entrepreneurial Strategy?	5	3	4	7
5. d)	What are the Objectives of Generating & Exploiting New Entries?	5	5	4	10
Unit-V					
6. a)	What are the different Phases of EDP's?	5	4	5	10
6. b)	State & Explain various Government Schemes to develop Women Entrepreneurs?	5	4	5	11
OR					
6. c)	What are the Needs & Objectives of EDP's?	5	3	5	11
6. d)	Explain the Characteristics & Functions of Women Entrepreneur?	5	2	5	11

M: Marks; L: Bloom's Taxonomy Level; CO: Course Outcome; PO: Programme Outcome