

Hall Ticket Number:

--	--	--	--	--	--	--	--	--

IV/IV B.Tech (Regular) DEGREE EXAMINATION

March, 2018

Common to CSE & IT

Eight Semester

Industrial Management and Entrepreneurship Development

Time: Three Hours

Max. Marks: 60

Answer Question No.1 compulsorily.

(1X12 = 12 Marks)

Answer ONE question from each unit.

(4X12=48 Marks)

(1X12=12 Marks)

1. Answer all questions
 - a) State the functions of management.
 - b) List the merits of Sole proprietorship.
 - c) What are the stages of product life cycle?
 - d) State any two reasons that restrict productivity.
 - e) Time taken to replenish the stocks is called.
 - f) The control chart for sample means is called.
 - g) List any two leadership styles.
 - h) How do you calculate straight line method of depreciation?
 - i) What are the functions of finance?
 - j) What are the functions of an entrepreneur?
 - k) What factors affect entrepreneurship?
 - l) What is product analysis?

UNIT I

2.
 - a) Mention the elements of scientific management. 6M
 - b) Distinguish between private limited and public limited company. 6M
- (OR)
3.
 - a) Define marketing. How is it different from selling? Explain how marketing starts and ends with customer. 6M
 - b) Mention any six principles of management, as given by Fayol. 6M

UNIT II

4.
 - a) Define control chart and state the objectives of X and R charts. 6M
 - b) Define Productivity. What are the different kinds of productivity measures? 6M
- (OR)
5.
 - a) What are the objectives of Production planning and control. 6M
 - b) The following information is about the shock absorbers used by an automobile workshop:
Annual Demand = 4800 units, ordering cost per order = Rs. 50, Storage cost = 3% per annum, Interest rate: 15 per cent per annum, Calculate EOQ and also find the number of orders to be placed. 6M

UNIT III

6.
 - a) What are the assumptions of breakeven analysis? 6M
 - b) Explain the need for training in organisations. 6M
- (OR)
7.
 - a) Outline the stages in the process of performance appraisal. 6M
 - b) Define Working capital. What is the necessity of Working capital in business? 6M

UNIT IV

8.
 - a) What do you mean by entrepreneurship development? 6M
 - b) Explain the functions of an entrepreneur. 6M
- (OR)
9.
 - a) Explain the stages involved in Product analysis. 6M
 - b) What are the barriers to entrepreneurship? 6M

Hall Ticket Number:

--	--	--	--	--	--	--	--	--

IV/IV B.Tech (Regular) DEGREE EXAMINATION**April, 2018****Eighth Semester****Time:** Three Hours**Information Technology****Cloud Programming****Maximum : 60 Marks***Answer Question No.1 compulsorily.**(1X12 = 12 Marks)**Answer ONE question from each unit.**(4X12=48 Marks)*

1 Answer all questions

(1X12=12 Marks)

- Define Cloud Computing.
- Differentiate include and require statements in PHP.
- Expand PHP and specify PHP tags to include server side code.
- List the three components need to be configured in Windows Azure Deployment Project for J2EE.
- List the roles presented in Azure Cloud Service.
- What is the purpose of Cloud Service Definition file?
- Differentiate Page Blob and Block Blob.
- What is the use of Partition Key and Row Key in table storage?
- Define Visibility Timeout Period of a Storage Queue Message.
- List Azure SQL features.
- Differentiate ServiceBus Queue and Storage Queue.
- Explain the difference between PeekLock and ReceiveAndDelete modes of accessing ServiceBus Queue messages.

UNIT I

- Explain Cloud Computing Service Models with a neat diagram. 6M
- Design WebPages in PHP to display and update data records in MySQL database. Specify the table structure. 6M

(OR)

- Design WebPages in Razor C# to display messages (ID, Name, Message) posted by users with search option and to add records in a SQL database with validation. Specify the table structure. 8M
- Explain the features in Razor C# for designing the layout of web pages. 4M

UNIT II

- Explain Cloud Service architecture with a neat diagram. 6M
- Explain the steps in creating and deploying a cloud service using Visual Studio. 6M

(OR)

- Explain in detail about Windows Azure SDK for .Net. 12M

UNIT III

- Explain the features of Blob Storage. 4M
- Design a cloud application to add images to a Windows Azure Blob Storage and display them. 8M

(OR)

- Explain the Azure Storage Table API to create, insert and delete row entities in Table Storage. 6M
- Design a cloud application to add and display row entities in Azure Storage Table. 6M

UNIT IV

- Explain the different ways to migrate an existing Database to Azure SQL server. 6M
- Write a C# console application to add, display, update and delete data records from Azure SQL Database. 6M

(OR)

- Explain about Microsoft Azure ServiceBus Relayed messaging. 6M
- Design a C# application to demonstrate ServiceBus Brokered messaging service. 6M

Hall Ticket Number:

--	--	--	--	--	--	--	--	--

IV/IV B.Tech (Regular) DEGREE EXAMINATION**March, 2018****Eighth Semester****Time:** Three Hours**Information Technology****Software Project Management****Maximum : 60 Marks***Answer Question No.1 compulsorily.**(1X12 = 12 Marks)**Answer ONE question from each unit.**(4X12=48 Marks)**(1X12=12 Marks)*

1. Answer all questions
 - a) Define status assessment
 - b) What is change management?
 - c) Explain component based development
 - d) What are minor milestones?
 - e) List the lifecycle phases
 - f) Define artefact
 - g) Define design set and design workflow
 - h) What are release specifications?
 - i) What is status assessment?
 - j) Explain prototyping environment
 - k) What is work break down structure?
 - l) Define organizational policy

UNIT I

2. a) Explain the concept of protected integration and late design breakage of waterfall model 6M
 b) Discuss about pragmatic software cost estimation 6M
 (OR)
3. a) Write and explain the parameters for improving software economics 6M
 b) List and Explain the principles of conventional software project management 6M

UNIT II

4. a) Describe the inception and elaboration phases 4M
 b) Discuss in detail about Management artifacts 8M
 (OR)
5. a) Explain the Management perspective in Model based software architecture 6M
 b) Explain seven top level workflows of software process in detail 6M

UNIT III

6. a) Describe briefly about the four major milestones of the process 8M
 b) Discuss in detail about pragmatic planning of an iterative process 4M
 (OR)
7. a) What are the default roles in a software line of business organizations, Explain 6M
 b) Explain the concept of process automation with reference to project environment 6M

UNIT IV

8. a) Give an overview of seven core metrics 6M
 b) Explain metrics automation 6M
 (OR)
9. a) What are the top 10 software management principles 6M
 b) Explain different cultural shifts of modern software management process 6M

Hall Ticket Number:

--	--	--	--	--	--	--	--	--

IV/IV B.Tech (Regular) DEGREE EXAMINATION**March, 2018.****Eighth Semester****Time:** Three Hours**Information Technology****Software Design Patterns****Maximum : 60 Marks***Answer Question No.1 compulsorily.**(1X12 = 12 Marks)**Answer ONE question from each unit.**(4X12=48 Marks)**(1X12=12 Marks)*

1. Answer all questions
 - a) Define Intent?
 - b) List Down four essential elements of Pattern.
 - c) Differentiate abstract and Concrete class
 - d) Disadvantages of Factory methods?
 - e) Define Singleton?
 - f) Define Builder Pattern?
 - g) Benefits of Facade Pattern.
 - h) Define Bridge?
 - i) What are the types of Proxy Pattern.
 - j) Define Observer Pattern?
 - k) When to use Iterator Pattern.
 - l) What is the intent of Memento Pattern?

UNIT I

2. a) Explain the template of describing Design patterns? 6M
 b) What are the different approaches for finding the right design pattern? 6M
 (OR)
3. a) Explain the use of Design Patterns. 6M
 b) Explain the Design Pattern MVC. 6M

UNIT II

4. a) Explain the issues when implementing Prototypes with examples. 6M
 b) Explain the benefits of Singleton pattern. 6M
 (OR)
5. a) Write short notes on Creational patterns. 6M
 b) Explain the process of implementing Factory method. 6M

UNIT III

6. a) Explain about Bridge pattern? Describe the implementation issues when applying Bridge pattern? 6M
 b) What are the participants of Composite pattern? 6M
 (OR)
7. a) What are the benefits and Liabilities of Decorator pattern? Describe the issues to be considered when applying Decorator pattern. 6M
 b) Write short notes on Façade pattern. 6M

UNIT IV

8. a) Explain the issues that are specific to Interpreter pattern. 6M
 b) Explain in detail about Iterator pattern. 6M
 (OR)
9. a) Define Memento? Explain about Memento pattern. 6M
 b) Explain about State pattern and list down its advantages and disadvantages? 6M