Code: 9A05702

B.TECH IV Year I Semester (R09) Regular Examinations, November 2012

SOFTWARE TESTING

(Common to Computer Science & Engineering & Information Technology)

Time: 3 hours   Max. Marks: 70

Answer any FIVE questions

All questions carry equal marks

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1   (a)   Briefly explain the consequences of bugs.
    (b)   Specify on which factors the importance of bugs depends. Give the metric for it.

2   What is the need of path instrumentation? Explain the methods for path instrumentation.

3   (a)   Discuss about predicates and sensitization based on transaction flows.
    (b)   Discuss about various strategies used in data flow testing.

4   Classify what can go wrong with boundaries, and then define a test strategy for each case in domain testing.

5   Write the steps involved in node reduction procedure. Illustrate all the steps with help of neat labled diagrams.

6   Discuss about what logic based testing address. Explain various methods to deal with it.

7   Explain state graphs and show implementation of transaction testing on it.

8   Write short notes on the following:
               (a) Matrix of graph
               (b) Node reduction algorithm
               (c) J meter

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Code: 9A05702

B.TECH IV Year I Semester (R09) Regular Examinations, November 2012

SOFTWARE TESTING

(Common to Computer Science & Engineering & Information Technology)

Time: 3 hours   Max. Marks: 70

Answer any FIVE questions

All questions carry equal marks

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1   What is a test case? Write all principles of test case design with an example.

2   Categorize different activities of path testing and explain.

3   (a)   Explain path selection for system testing based on transaction flows.
     (b)   Define transaction flow. Explain it for an online information retrieval system.

4   Explain domain boundary bugs for two dimensional domains.

5   (a)   What is meant by a path? Illustrate an example of it.
     (b)   Describe about path sum and path product.
     (c)   Discuss the procedure for flow anomaly defection.

6   Discuss the role of decision table in a test case design. Explain it with an example.

7   (a)   Differentiate between good state graphs and bad state graphs with examples.
     (b)   Describe about state testing and testability tips.

8   What are graph matrices and discuss about their applications?

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B.TECH IV Year I Semester (R09) Regular Examinations, November 2012
SOFTWARE TESTING
(Common to Computer Science & Engineering & Information Technology)

Time: 3 hours   Max. Marks: 70

Answer any FIVE questions
All questions carry equal marks
*****

1   Explain various models for bugs testing with help their diagrams.

2   What is the need of path sensitizing? Explain various methods for path sensitizing.

3   Where do you use transaction flow testing? Explain about possible transaction flow techniques used for testing with suitable illustration.

4   How do you categorize an application pertains to different domain. Explain how to conduct interfaces testing on them.

5   What is a regular expression? How these expressions reduces the burden on paths based testing.

6   (a)   How can we expand the immaterial cases in the decision table. Explain.
    (b)   What is a KV chart? Explain its usage with an example.

7   Explain what for state graphs are used. Discuss how state graphs are categorized into good and bad state graphs.

8   Write short notes on the following:
            (a) Power of a graph matrix
            (b) Node reduction algorithms
            (c) Win-runner

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Code: 9A05702

B.TECH IV Year I Semester (R09) Regular Examinations, November 2012

SOFTWARE TESTING

(Common to Computer Science & Engineering & Information Technology)

Time: 3 hours　　　　　　　　　　　　　　　　　　　　　　　　　　Max. Marks: 70

Answer any FIVE questions

All questions carry equal marks

*****

1　(a)　What is the purpose of testing? Discuss the taxonomy of bugs.
　(b)　What are the principles of test case design?

2　　　Describe the following concepts:
　　　　　(a) Predicates
　　　　　(b) Path predicates
　　　　　(c) Achievable paths

3　　　Implementation of a transaction flow is usually implicit in the design of the systems control structure & database. Explain it with an example.

4　　　The domain testing is easy for one dimension and difficult for any two dimensional system. Justify it.

5　　　Explain how path products and path expressions can improvize the efficiency for testing.

6　　　Discuss the role of decision tables. Explain the same with the help of neat illustration.

7　　　The behavior of a finite-state machine is invariant under all encodings. Justify it, with an example.

8　　　Write short notes on the following:
　　　　　(a) Graph matrices applications
　　　　　(b) Node reduction algorithm
　　　　　(c) J meter

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B.Tech IV Year I Semester (R09) Regular Examinations November 2012
NETWORK MANAGEMENT SYSTEMS
(Common to Computer Science & Engineering, Information Technology and Computer Science & Systems Engineering)

Time: 3 hours
Max. Marks: 70

Answer any FIVE questions
All questions carry equal marks

*****

1.   List all communications protocols and standards used in data communication and networks management systems. Explain each of them briefly.

2.   Describe the SNMP-based ASN-1 data type structure in detail.

3.   Discuss about various internet organization and standards. Also list responsibilities of each.

4.   Explain about SNMPV2 protocol and explain how SNMPV2 management base works.

5. (a) Describe the key features of SNMPV3.
    (b) How does SNMPV3 provides access control?

6. (a) Explain various functions of remote monitoring.
    (b) Explain the various functions associated with RMON2 MIB.

7.   Explain about various possible web-based management systems along with their functional modules.

8. (a) Explain briefly about distributed network management with an example.
    (b) What is the need of reliable network management system? Explain how to design it.

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B.Tech IV Year I Semester (R09) Regular Examinations November 2012
NETWORK MANAGEMENT SYSTEMS
(Common to Computer Science & Engineering, Information Technology and Computer Science & Systems Engineering)

Time: 3 hours

Max. Marks: 70

Answer any FIVE questions
All questions carry equal marks

*****

1.   Explain about various network management functions along with merits and demerits.

2.   Discuss about various network management models along with their neat sketches.

3.   Explain in detail about the entities involved in SNMP communications and functional models.

4.   List major changes took place in SNMPV2. Discuss the architectural behavior of it.

5.   Draw and discuss about SNMPV3 documentation architecture. Give merits and demerits of it.

6.   (a) Explain the data gathering module in RMONL.
     (b) Describe briefly about functions and tables related to network layer matrix of RMON2 MIB.

7.   Explain the XML- based network management system with an example.

8.   Write short notes on:
         (a) RMON SMI.
         (b) Distributed network management systems.
         (c) Reliable network management.

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B.Tech IV Year I Semester (R09) Regular Examinations November 2012
NETWORK MANAGEMENT SYSTEMS
(Common to Computer Science & Engineering, Information Technology and Computer Science & Systems Engineering)

Time: 3 hours

Max. Marks: 70

Answer any FIVE questions
All questions carry equal marks

*****

1. Explain about the protocol data unit communication model between end systems with neat illustration.

2. Discuss about various organization models and network functional models.

3. Explain in detail about the entities involved in SNMP communication model.

4. Draw the architecture of SNMPV2 system. Explain its functionality.

5. Draw and discuss SNMPV3 user based security model. Explain its features.

6. (a) Explain the different stages in remote network monitoring management information base.
   (b) Explain various functions associated with RMON1 MIB.

7. (a) List the features of web-based management systems.
   (b) Describe the functionalities of XML based network management.

8. Write short notes on:
   (a) A case study on internet traffic.
   (b) Applications of distributed network management.
   (c) Issues associated with fault tolerant network management.

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B.Tech IV Year I Semester (R09) Regular Examinations November 2012
NETWORK MANAGEMENT SYSTEMS
(Common to Computer Science & Engineering, Information Technology and Computer Science & Systems Engineering)

Time: 3 hours   Max. Marks: 70

Answer any FIVE questions
All questions carry equal marks

*****

1. Explain how do we keep track of case histories on networking and management with a case study.

2. Describe about various network management standards. Explain how organizational model deals with these standards of networks.

3. Explain in detail about the entities involved in SNMP organization and information models.

4. Describe the structure of SNMPV2 of management information. Discuss its merits and demerits of it.

5. Explain various applications of SNMPV3 management with suitable examples.

6. Draw and explain different perspectives of RMON SMI.

7. Explain an XML based network management system with the help of neat illustration.

8. Write short notes on:
    (a) RMON2
    (b) Fault tolerant network management.
    (c) Distributed network management features.

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Code: 9A12701

B.Tech IV Year I Semester (R09) Regular Examinations, November 2012
MOBILE APPLICATION DEVELOPMENT
(Information Technology)

Time: 3 hours   Max Marks: 70

Answer any FIVE questions
All questions carry equal marks
*****

1   Explain about any two small computing technologies with suitable examples.

2   Draw the architecture of J2 ME technologies. Explain functionality of each block/module.

3   (a)   What is an event in J2 ME environment? Give an example how you deal with an event processing.
    (b)   Explain any four functions of both display class and item class.

4   (a)   Write about the basic functions of screen class with examples.
    (b)   Explain the user interaction mechanism with canvas entity.

5   (a)   Write a J2 ME program for storing the fields read from any given form of your own choice.
    (b)   What is record listener how does it used in J2 ME applications?

6   (a)   Explain the need for JDBC package in J2 ME.
    (b)   List all exceptions occur during JDBC process give solutions for all.

7   (a)   Write an application in J2 ME for inserting data into tables and updating records into tables.
    (b)   Give an illustration to explain how subqueries will work for an application.

8   Write short notes on the following:
    (a)   Generic connection frame work.
    (b)   Hyper text transfer protocol.
    (c)   Transcript as a background process.

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2

B.Tech IV Year I Semester (R09) Regular Examinations, November 2012
MOBILE APPLICATION DEVELOPMENT
(Information Technology)

Time: 3 hours   Max Marks: 70

Answer any FIVE questions
All questions carry equal marks
*****

1 (a) Give the overview of J2 ME technology and also write merits of it.
   (b) What is the need for J2 ME in PDA's?

2   What are the requirements of small computing devices? Explain the process of addressing them using run-time environment with the help of neat diagram.

3 (a) Take anyone real-world example and explain its working M a. J2 ME world.
   (b) What is an exception? How do you deal with exception handling?

4 (a) List about all functions of a ticker class with their prototypes.
   (b) Explain with the help of example to deal with animation display in J2 ME.

5   What is record management system to J2 ME? Explain writing and reading of records in it with an example.

6 (a) Explain all possible JDBC driver types along with their merits and demerits.
   (b) What is a pre-paned query? Explain how are result set object is used in transaction processing.

7 (a) Write J2 ME program to illustrate the usage of an embedded SQL in it.
   (b) Explain how a view can be generated using JDBC and embedded SQL.

8   Answer the following:
   (a) Communication management using HTTP commands.
   (b) Session management.

*****

Code: 9A12701

B.Tech IV Year I Semester (R09) Regular Examinations, November 2012
MOBILE APPLICATION DEVELOPMENT
(Information Technology)

Time: 3 hours   Max Marks: 70

Answer any FIVE questions
All questions carry equal marks
*****

1   (a)   Explain the role J2 ME in wireless devices.
    (b)   How does radio data networks are used in small computing technology?

2   What is the need for midlet programming? How does it address/used in J2 ME technology.

3   (a)   List and discuss about all J2 ME user interfaces.
    (b)   Explain the functionality of the palm OS emulator with an example.

4   (a)   What is an alert? Explain all possible ways to deal with alerts in J2 ME.
    (b)   Where do you use list class in real time J2 ME application and give an example for it.

5   (a)   What is meant by record enumeration? Explain how does record enumeration works.
    (b)   Write a J2 ME based program to sort a set of records read from any user defined form.

6   (a)   Write about the process of establishing jdbc connectivity with an example.
    (b)   List all function associated with result set class. Also give the prototype for each.

7   What are tables mean to J2 ME program? Write various methods to insert data into and select data from a table.

8   Write short notes on the following:
    (a)   Generic connection.
    (b)   Hypertext transfer protocol.
    (c)   Indexing

*****

4

MOBILE APPLICATION DEVELOPMENT
(Information Technology)

Time: 3 hours   Max Marks: 70

Answer any FIVE questions
All questions carry equal marks
*****

1 (a) Explain the role of J2 ME in mobile applications markets.
   (b) How does mobile radio network works? Explain with an example.

2 (a) Explain J2 ME run-time environment with neat sketch.
   (b) Give merits and de-merits of J2 ME software development kits.

3   Discuss all the best practices and patterns in real world J2 ME domain.

4 (a) How do you define a form class object? Explain its major functions to interact/access its members.
   (b) Explain the process of handling clipping regions in J2 ME canvas.

5   Write a program to retrieve a record values from a railway reservation form designed using J2 ME SDK.

6   Write a J2 ME program for demonstrating the jdbc connectivity, creating an object for statement query, processing the result using result set and transaction processing for a voting system.

7 (a) Write a J2 ME program for inserting data into tables. Consider a table is created for student details processing.
   (b) How do you join any two tables? Explain with an example.

8   Answer the following:
   (a) Hyper text transfer protocol.
   (b) Session management.
   (c) Grouping and ordering data.

*****

B.Tech IV Year I Semester (R09) Regular Examinations November 2012
INFORMATION RETRIEVAL SYSTEMS
(Information Technology)

Time: 3 hours

Max. Marks: 70

Answer any FIVE questions
All questions carry equal marks

*****

1.   Explain Information retrieval system capabilities.

2.   (a)   Discuss about Information Extraction.
     (b)   Explain N – gram data structure in detail.

3.   (a)   Explain the classes of automatic indexing.
     (b)   Explain about concept indexing.

4.   Explain Item clustering with an example.

5.   (a)   What are visualization technologies?
     (b)   Explain various user search techniques.

6.   Explain the necessary used in system evaluation.

7.   Explain models and languages in multimedia information retrieval.

8.   Explain digital libraries with neat block diagram.

*****

B.Tech IV Year I Semester (R09) Regular Examinations November 2012
INFORMATION RETRIEVAL SYSTEMS
(Information Technology)

Time: 3 hours   Max. Marks: 70

Answer any FIVE questions
All questions carry equal marks

*****

1. (a) Explain how digital libraries can be used as information base system.
    (b) How databases and data warehouses used as source of information retrieval systems.

2. (a) Explain PAT data structure with an example.
    (b) Describe signature file structure in detail.

3. (a) Explain statistical indexing process.
    (b) What is weighted indexing process? Explain in detail.

4.   Explain how do we generate thesaurus?

5. (a) What is a weighted search of Boolean system?
    (b) What is cognition and perception? Explain in detail.

6.   Explain hardware text search system by describing each component of it.

7.   Explain data modeling in multimedia information retrieval.

8.   What is an online IR system? Explain how it works in details.

*****

B.Tech IV Year I Semester (R09) Regular Examinations November 2012
INFORMATION RETRIEVAL SYSTEMS
(Information Technology)

Time: 3 hours   Max. Marks: 70

Answer any FIVE questions
All questions carry equal marks

*****

1. (a) Discuss text normalization process with neat sketch.
    (b) What are the objectives of information retrieval system? Explain in detail.

2.   What is stemming? Explain stemming process with the help of porter's stemming algorithm.

3. (a) Write about Hypertext linkages.
    (b) Write short notes on inverted file structure.

4.   Explain hierarchical agglomerative clustering technique in detail.

5. (a) Explain the levels of binding in the creation of search.
    (b) Explain how searching done based on ranking?

6.   Explain various techniques in software text search algorithm.

7.   Explain how queries, indexing and searching is done in multimedia information retrieval.

8.   Explain OPAC's in detail.

*****

B.Tech IV Year I Semester (R09) Regular Examinations November 2012
INFORMATION RETRIEVAL SYSTEMS
(Information Technology)

Time: 3 hours   Max. Marks: 70

Answer any FIVE questions
All questions carry equal marks

*****

1. (a) What is information retrieval system? Give the functional overview of information retrievel system with neat sketch.
   (b) Compare and contrast DBMS and information retrieval system.

2. (a) Explain multimedia indexing.
   (b) What is indexing? Explain the process of indexing in detail.

3. Explain the phases used by natural language processing to provide higher level semantic information.

4. (a) Explain general guidelines of clustering.
   (b) How do we create a thesaurus cluster?

5. (a) Explain relevance feedback.
   (b) Explain selective discrimination of information search.

6. What is TREE? Explain this measurement usage in information system evaluation.

7. Explain multimedia information retrieval in detail.

8. Explain any real time information retrieval system in detail.

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Code: 9A12703

1

B.Tech IV Year I Semester (R09) Regular Examinations, November 2012
DISTRIBUTED COMPUTING
(Information Technology)

Time: 3 hours

Max Marks: 70

Answer any FIVE questions
All questions carry equal marks
*****

1 (a) What is monolithic, distributed, parallel and cooperative computing?
  (b) Describe the strength and weakness of distributed computing.

2 Explain briefly client server paradigm and peer to peer paradigm.

3 What is socket? Explain the various socket API?

4 (a) What is distributed object system? Explain RPC, RMI.
  (b) Draw the neat sketch for java RMI architecture.

5 (a) Describe in brief CORBA.
  (b) Draw the basic architecture of CORBA.

6 (a) Discuss briefly grid computing anatomy.
  (b) Describe the grid architecture and relationship to other distributed technologies.

7 Explain briefly open grid services infrastructure.

8 Describe and draw the neat sketch of globus GT3 toolkit architecture.

*****

B.Tech IV Year I Semester (R09) Regular Examinations, November 2012
DISTRIBUTED COMPUTING
(Information Technology)

Time: 3 hours   Max Marks: 70

Answer any FIVE questions
All questions carry equal marks
*****

1 (a) Define distributed computing. Explain different forms of computing.
   (b) Explain the differences between connection oriented and connectionless inter process communication (IPC).

2 (a) Discuss the message system paradigm with neat sketch.
   (b) Explain the remote procedure call model (RPC).

3 (a) Explain the diagram socket API.
   (b) Describe the stream mode socket API.

4 (a) Draw the java RMI architecture and explain in brief.
   (b) Write about the COBRA object services.

5   Describe in brief CORBA, ORB, GIOP, and IIOP.

6 (a) Explain the distributed coordination model.
   (b) Define distributed multimedia system. Explain the characteristics of multimedia data.

7 (a) Explain the OGSA platform components.
   (b) Describe briefly open grid services infrastructure.

8 (a) Define grid and discuss the grid architecture with neat diagram.
   (b) Write the applications of cluster computing.

*****

B.Tech IV Year I Semester (R09) Regular Examinations, November 2012
DISTRIBUTED COMPUTING
(Information Technology)

Time: 3 hours   Max Marks: 70

Answer any FIVE questions
All questions carry equal marks
*****

1   Describe briefly various operating system concepts relevant to distributed computing.

2   Discuss briefly various paradigms for distributed applications.

3   (a)   Explain the datagram socket API.
     (b)   Describe the stream mode socket API.

4   In distributed object paradigm (RMI) explain the steps for building an RMI application.

5   (a)   Write about the CORBA object services.
     (b)   Explain an application of CORBA application.

6   (a)   Describe the grid computing road map.
     (b)   Draw the merging grid services architecture with the web services architecture.

7   (a)   Explain the OGSA platform components.
     (b)   Describe briefly open grid services infrastructure.

8   Discuss the globus GT3 toolkit programming model.

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Code: 9A12703

B.Tech IV Year I Semester (R09) Regular Examinations, November 2012
DISTRIBUTED COMPUTING
(Information Technology)

Time: 3 hours   Max Marks: 70

Answer any FIVE questions
All questions carry equal marks
*****

1 (a) Describe the strength and weakness of distributed computing.
   (b) Define distributed computing. Explain different forms of computing.

2 (a) Discuss the massage system paradigm with neat sketch.
   (b) Explain the point-to-point message model and publish/subscribe message model.

3 (a) Explain the group communication unicasting versus multicasting.
   (b) Describe the reliable multicasting versus unreliable multicasting.

4 (a) Draw the neat sketch of RPC and RMI architecture.
   (b) Describe the steps for building an RMI application.

5   Describe in brief CORBA object interface inter-ORB protocols.

6 (a) Describe the grid computing road map.
   (b) Draw the merging grid services architecture with the web services architecture.

7   Describe the open grid services infrastructures.

8   Describe and draw the neat sketch of globus GT3 toolkit architecture.

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IV B. Tech I Semester (R09) Regular Examinations, November 2012
MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS
(Common to CSE, IT & CSS)

Time: 3 hours

Max. Marks: 70

Answer any FIVE questions
All questions carry equal marks
*****

1   (a)   Define managerial economics. Explain its scope.
    (b)   Distinguish between economics and managerial economics with suitable examples.

2   What do you understand by 'Elasticity of Demand'? What are types of elasticity of demand?

3   Explain how do you determine breakeven point in volume and value? Explain graphically.

4   How does an individual firm behave under perfect completion? Also explain the firm and industry equilibrium under perfect competition.

5   Discuss about the short-comings of the public sector enterprises in India and what is their future.

6   (a)   Define capital budgeting. Explain its importance.
    (b)   How is useful of payback period method? Explain its features and limitations.

7   (a)   What is 'Journal Entry' and describes its importance in account books?
    (b)   Explain the basic accounting concepts and convention, Give examples.

8   Discuss the importance of ratio analysis for inter firm and intra-firm comparison, including circumstances responsible for its limitations, if any.

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IV B. Tech I Semester (R09) Regular Examinations, November 2012
MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS
(Common to CSE, IT & CSS)

Time: 3 hours   Max. Marks: 70

Answer any FIVE questions
All questions carry equal marks
*****

1   Elaborate the importance of managerial economics in decision making.

2   How do you measure elasticity of demand? Illustrate graphically.

3   What do you understand by cost output relationship? Explain how costs behave in the short run.

4   Define market. Distinguish between perfect and imperfect markets.

5   (a)   Define partnership and explain its silent features and limitations**.**
       (b)   What are the qualities of a good partner?

6   (a)   What is capital? Explain the types and significance of capital**.**
       (b)   Explain the concept of working capital, its features & limitations.

7   Explain the following in briefly:-
         (a) Double entry system.   (b) Book – keeping.
         (c) Capital.   (d) Income.

8   How ratios are classified for the purpose of financial analysis? With assumed data, illustrate any two types of ratios under each category.

*****

IV B. Tech I Semester (R09) Regular Examinations, November 2012
MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS
(Common to CSE, IT & CSS)

Time: 3 hours

Max. Marks: 70

Answer any FIVE questions
All questions carry equal marks
*****

1 What are the contributions and limitations of managerial economics to business managers?

2 What is the significance of elasticity of demand? Explain different types of elasticity of demand.

3 A firm has two products B and C. The particulars of the price per unit, variable cost per unit and percentage of share in the total sales volume are given in the following table:

Products	Selling price	Variable cost	% of share
B	Rs.400	Rs.160	30%
C	Rs.500	Rs 200	50%

The total fixed costs during the year amount to Rs:10,00,000. The total volume of sales is Rs: 80,00,000.

The company wants to drop product B as it is yielding less contribution per unit. Instead, it wants to add product D. If D is added, the new fixed cost is likely to be up by 10% and the sales volume is likely to increase by 5%.

Do you recommend for adding product D?

4 Explain how the price is determined under conditions of perfect competition. Illustrate this with help of diagrams.

5 Discuss the company features of form of business organization.

6 (a) Explain the factors affecting the requirements of working capital.
(b) Determine the capital, and its features.

7 (a) Define accounting and explain its functions.
(b) Explain classification of accounts with suitable examples.

8 The following is the balance sheet of Sri Anurag Enterprises as on 31st Dec 20007.

Liabilities	Rs.	Assets	Rs.
Share capital	2,00,000	Buildings	2,00,000
Reserve fund	50,000	Machinery	1,50,000
Profit balance	30,500	Stock on hand	1,00,000
Bank loan	1,50,000	Sundry debtors	60,000
Sundry creditors	70,000	Cash on hand	20,500
Provision for Tax	30,000		
	5,30,000		5,30,000

You are required to comment on liquidity and solvency position of the concern.

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IV B. Tech I Semester (R09) Regular Examinations, November 2012
MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS
(Common to CSE, IT & CSS)

Time: 3 hours   Max. Marks: 70

Answer any FIVE questions
All questions carry equal marks
*****

1   What is demand analysis? Explain the factors influencing the demand for a product.

2   Explain with examples: (a) Price elasticity of demand. (b) Cross elasticity of demand.

3   A machine tools factory has a plant capacity of enough hours 9000. Annual fixed charges are of Rs.50,000 per year. It can produce two products of X and Y. It has three options: make X or make Y or make some units of X and some units of Y. Look at the following data:

	X	Y
Selling price	Rs.2,500	Rs.4,000
Variable cost (Rs)	1,000	2,000
Demand	2500 units	5000 units
Time taken for production	3 hours	5 hours

What product mix will maximize the net profits of the factory? Calculate the maximum net profit.

4   Define monopoly. How is price determined under monopoly?

5   (a)   Define company. Explain its features.
     (b)   What are its advantages and disadvantages?

6   (a)   What is the importance of capital?
     (b)   What factors determine the working capital requirements of a company?

7   (a)   How are accounts finalized at the end of an accounting period with the help of a trial balance? Illustrate.
     (b)   Define financial statements, and explain its objectives and importance.

8   From the information given below calculate:
           (a) Inventory Turnover ratio, and   (b) Receivables Turnover ratio

	Amount in Lakhs (Rs.)
Sales(100% credit)	42.00
Opening stock	6.00
Closing stock	7.00
Sales returns	3.00
Opening balance of sundry debtors	6.00
Closing balance of sundry debtors	4.00
Opening balance of Bills receivable	3.00
Closing balance of Bills receivable	5.00
Gross profit = 30% of shares	

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