| Total No. of Questions: 6] | | | SEAT No.: | |
|----------------------------|--|---------------------------|------------------|----------------------------|
| P1925 | | [4772]-1001 | [Total | No. of Pages : 1 |
| | | M.C.M. | | |
| FIT-10 | 1 : FUNDAMI | ENTAL OF INFORMAT | TION TECH | HNOLOGY |
| | | 2013 Pattern) (Semeste | | |
| 1) 2) | ns to the candidate Question No. 1 and Solve any three fro | l 6 are compulsory. | I | Max. Marks : 50 |
| Q1) a) | Explain Primar | y Storage. | | [5] |
| b) | What do you m | ean by OMR? Give any two | o application of | of OMR. [5] |
| Q2) a) | Differentiate be | tween High Level Language | and Low Leve | el Language. [5] |
| b) | Explain differen | nt types of Computers. | | [5] |
| <i>Q3</i>) Exp | lain in detail OSI | Model (Seven layers). | | [10] |
| Q4) a) | Explain various | s types of printer. | | [5] |
| b) | Convert the foll | lowing numbers (Any Two): | | [5] |
| | i) 1110001 = | = ? ₁₀ | | |
| | ii) $CAD = ?_8$ | | | |
| | iii) $34 = ?_{16}$ | | | |

Q5) Explain different types of Networks.

[10]

Q6) Write short notes on (Any Two):

[10]

- a) Network Topologies.
- b) Floppy Disc.
- c) ASCII.

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| Total No. | of Questions | : 7 | ı |
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|-----------|--------------|-----|---|

| P1 | 926 | |
|-----------|-----|--|

| SEAT No.: | |
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[Total No. of Pages: 2

[4772] - 1002 M.C.M.

'C' PROGRAMMINGAND DATA STRUCTURE (2013 Pattern) (Semester - I)

Time: 2.30 Hours] [Max. Marks: 50

Instructions to the candidates:

- 1) Question No. 1 is compulsory.
- 2) Solve any four from the remaining.
- 3) Figures to the right indicate full marks.
- Q1) a) Find and explain output of the following programs. Assume suitable header files.

```
# define CUBE (x) x * x * x
i)
     void main()
          int a,b =3;
          a = CUBE (b++);
          print f ("%d, %d", a,b);
ii)
     int rev (int);
     void main()
          int no = 5;
          rev (no);
     int rev (int no)
          if (no = = \phi)
               return \phi;
          else
               print f ("% d", no);
          rev (- - no);
```

| | b) | - | ain the following (A | Any tv | vo) | | | | [4] |
|------|-------|--------|---|------------|--------|---------|---------------|--------------|-----------------|
| | | i) | Stack | | | | | | |
| | | ii) | Data Types in C | | | | | | |
| | | iii) | Tertiary if statemen | nt | | | | | |
| | | | | | | | | | |
| Q2) | Writ | e a pı | rogram to display fo | ollow | ing pa | ttern u | sing nested | loops. | [10] |
| | | ABC | CDCBA | | | | | | |
| | | ABC | C CBA | | | | | | |
| | | AB | BA | | | | | | |
| | | A | A | | | | | | |
| | | | | | | | | | |
| Q3) | Writ | - | program to accept to | two 3 | 3×3 m | atrices | and displa | y addition (| on the [10] |
| | | | | | | | | | |
| Q4) | | | ecursive function was number. | hich | receiv | ves a n | umber and | return the s | um of [10] |
| | | | | | | | | | |
| Q5) | | _ | ogram to accept ito Is having qty greate | | | rate an | d qty of 30 | items. Disp | lay all [10] |
| | | | | | | | | | |
| Q6) | | _ | rogram to accept the contents of second | | | | | ine argumer | its and [10] |
| | | | | | | | | | |
| Q7) | | _ | ogram to accept the escending order. | 10 nı | ımbeı | s and d | lisplay the n | umbers by s | orting [10] |
| | | | , | \Diamond | ⇔ | ⇔ | | | |
| | | | | | | | | | |
| 1477 | 21 14 | 1/1/2 | | | 7 | | | | |

| Total N | o. of Questions : 5] | SEAT No. : |
|----------------|--|-------------------------------------|
| P192 | 7 [4772]-10 | 103 [Total No. of Pages : 2 |
| | M.C.M. | |
| | 103 : SOFTWARE ENGINE | ERING WITH UML |
| | (Theory) (2013 Pattern | ı) (Semester-I) |
| Instruct | Pl/2 Hours] Sions to the candidates: Q. 1 & Q. 5 are compulsory. Solve any two from remaining. Neat diagram carry marks. | [Max. Marks : 50 |
| po | TAR Scooter Ltd. has issued an advertis osts. After receiving application scruting opointed as regular employees. | 0 11 |
| _ | Draw ER Diagram. | [7] |
| _ | Design File Layout. | [7] |
| Q2) a) | If you are a regular customer on everyou will get 1 point. On collecting package. For point below 10 you ge | ery shopping of Rs. 5000 and above, |
| b) | Explain RVP in detail. | [6] |

Q3) Consider an auction website (eg eBay), the customer might:

Register for an account, search for items by keyword, place a bid on an item, put an item up for auction, check the status of this item.

Draw use-case Diagram. a) **[6]**

Activity Diagram. b) [6]

[6]

| Q4) a) | Explain different sections of SRS. | | |
|---------------|------------------------------------|--|--|
| b) | Explain spiral model of SDLC. | | |

[6][6]

Q5) Write short notes (Any Three):

[12]

- a) Functional & non-functional Requirements.
- b) Association & Aggregation.
- c) CRC.
- d) Role of System Analyst.

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| Total No. of Q | uestions: 5] |
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| SEAT No.: | | | |
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| [Total | No. of Pages | : | 1 |

[4772] -1004 M.C.M.

104: DATABASE MANAGEMENT SYSTEM (DBMS) (2013 Pattern) (Semester - I) Time: 3 Hours | [Max. Marks: 50 Instructions to the candidates: Q.Nos.1 and 5 are compulsory. Solve any two from Q.2 to Q.4 from the remaining. Q1) Tele company providing mobile services is working in a following manner. To give the membership (subscription) to the customer following procedure is used. There are various schemes of subscription. Pune region is divided into various area sales office. As per the subscription type the customer fills the form and submits the payment to the sales office. After form verification customer gets a mobile no. & the equipment. Draw an E-R Diagram for the above case and normalize upto 3NF. [15] **Q2)** Explain Database architecture in detail. [10] **Q3)** Explain locking Techniques. [10]**Q4)** Explain log base recovery with explain. [10] **Q5)** Write short notes: Any three. [15] E-F coddrules [Any five] a) Functions of DBA. b) Generalization c) d) Data Independence e) Database security issues.

| Total | l No. of Questions : 5] SEAT No. : | |
|-------------|--|--------------|
| P19 | 970 [Total No. of Pag | es : 1 |
| | [4772] - 2001 M.C.M. | |
| | 201: BUSINESS APPLICATION AND ERP TOOLS | |
| | (2013 Pattern) (Semester - II) | |
| T: | 25 Harrist | · 5 0 |
| | e: 2.5 Hours] [Max. Mark cuctions to the candidates: | s: 30 |
| | 1) All questions are compulsory. | |
| | 2) Figures to the right indicate full marks. | |
| Q1) | Explain EOQ, EBQ and Calculation of labour efficiency. | [10] |
| | OR | |
| | Explain process of receipt of material with the help of First level DFD. | |
| <i>Q2</i>) | Draw format of Quotation. | [10] |
| ~ | OR | |
| | Explain sales Budgeting. | |
| <i>Q3</i>) | Draw format of Balance sheet and explain purpose of Balance sheet. | [10] |
| • | OR | |
| | Explain Employee Appraisal methods. | |
| Q4) | Draw format of payslip and explain statutory earnings and Deductions. | [10] |
| | OR | |
| | Explain need and advantages of ERP. | |
| Q5) | Explain ERP Implementation Life cycle. | [10] |
| | OR | |
| | Explain Post Implementation Review of ERP packages in service organization | ition. |

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| Total No. of Questions : 5] | | | | CD A TO N |
|--|----------------|-------------------|--------------|-----------------------------------|
| P1930 | | | | SEAT No. : Total No. of Pages : 1 |
| 1 1730 | - | [2] - 2 | | [Total No. of Tages . T |
| | | I.C.M | | |
| 202: PRINCIPI | | | , | , , _ |
| 01101 | | | | CHAVIOUR |
| (2013 | Patte | rn) (S | Semester | - 11) |
| Time: 2.5 Hours | | | | [Max. Marks : 50 |
| Instructions to the candidates: | | | | • |
| 1) All questions are compuls | sory. | | | |
| 2) All questions carry equal | marks. | | | |
| <i>Q1)</i> Define Management. Expla | ain vari | ious ma | anagerial l | evels. |
| 21) Bernie Management. Expl | ani van | OR | ariageriai i | e veib. |
| Differentiate between Line | e and S | 011 | anagers. | |
| | | | | |
| Q2) Elaborate the contribution management thoughts. | ns put | forth b | y Henry 1 | Fayol towards evolution of |
| | | OR | | |
| Explain system approach t | to Man | ageme | ent. | |
| Q3) Explain Herbert Simon's r | nodel 1 | for Dec | cision Mal | ker. |
| | | OR | | |
| Define organization and organization? | l need | for o | rganizatio | on. What are the types of |
| Q4) Define OB.State need and | impor | tance c | of OB | |
| g., beine ob.state need and | mpor | OR | 71 OB. | |
| Explain Johari Window in | brief. | OIL | | |
| • | | | | |
| Q5) Define Leadership. Explain | n the va | arious | styles of le | eadership. |
| | | OR | | |
| Explain Z theory of Motive | ation. | | | |
| - | \diamondsuit | \Leftrightarrow | ⇔ | |
| | | | | |

| Total No. of Q | uestions: 5] |
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| SEAT No. : | |
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[Total No. of Pages: 2

[4772] - 2003 M.C.M.

ADVANCED RELATIONAL DATABASE MANAGEMENT SYSTEM (RDBMS) USING ORACLE (2013 Pattern) (Semester - II)

Time: 2 Hours] [Max. Marks: 50

Instructions to the candidates:

- 1) Question No. 1 is compulsory.
- 2) Attempt any three from the remaining.
- 3) Figures to the right indicate full marks.

Consider the following tables to solve Queries and PL/SQL given below:-EMPLOYEE (E_No, Ename, Job, Mgr, Hiredate, Salary, Comm, DeptNo) DEPARTMENT (Deptno, Dname, Location)

Q1) Solve any ten Queries given below:

[20]

- a) Create the above two tables with constraints.
- b) Name the employees who are working in 'PUNE'.
- c) Name the employees whose first letter starts with "A".
- d) Find the average salary of employees location -wise.
- e) Display Name of the employee. Who is getting highest salary.
- f) Display the Name of the employee who is getting lowest salary.
- g) Display the Name of the employees, Who joined after 1st January, 2014.
- h) Name the employees of 'RESEARCH' department.
- i) Display the total No. of employees working in each department.

| j) | Find the | location | where the | average | salary | of the | employ | ees in | highest. |
|----|----------|----------|-----------|---------|--------|--------|--------|--------|----------|
| | | | | | _ | | 1 2 | | |

- k) Display the name of CLERK who is getting lowest salary.
- l) Display the name of employees who are working in 'PUNE'.
- Q2) Write a cursor to display top 5 salaried employees. (Display only three columns: E-No, Ename, salary).[10]
- Q3) Write a function Display_info () to accept the E_No and display its following details of that employee: (E_No, Ename, Dname, Salary). [10]
- **Q4)** Write a PL/SQL procedure to select employees from EMPLOYEE table who get a salary of Rs. 10,000. Give them an increment of 10%. But if more than one employee exist then give a message "Too many numbers". If no employee is selected then also display a message "No such employee". [10]
- Q5) Write a trigger that will not allow user to update record in EMPLOYEE table on "SUNDAY"[10]



| Total No. of Questions: 7] | | | SEAT No. : |
|----------------------------|--------|------|---------------|
| P1932 | [4553] | 2004 | L [Total] |

[Total No. of Pages : 2

[4772] - 2004 M.C.M.

204: JAVA PROGRAMMING (2013 Pattern) (Semester - II)

Time :2 ½ Hours] [Max. Marks : 50

Instructions to the candidates:

- 1) Q.1 is compulsory.
- 2) All questions carry equal marks.
- 3) Solve any '4' from remaining.
- *Q1)* Solve the following:
 - a) Explain protected access specifier.
 - b) What is JVM?
 - c) Explain abstract keyword
 - d) What is adapter class
 - e) List methods of inter thread communication.
- **Q2)** Write an application which will accept '2' file names from command line and append the contents of file 1 to other file.
- **Q3)** Write a applet program to move strin from left to right.
- **Q4)** Write an application which will accept age from command line. If the given age is less than '18' years, then throw. "NotEligible for Driving" user defined exception.

- **Q5)** Write a multithreaded application to show following threads.
 - a) Display table of '20'
 - b) Display even numbers between '20' to '100'.
- **Q6)** Explain with example function overloading and overriding.
- **Q7)** Short notes any Two.
 - a) Wrapper class
 - b) Vector class
 - c) How final, finally, finalize () used.



| SEAT No.: | | | |
|-----------|--------------|---|---|
| [Total | No. of Pages | : | 1 |

P1933

[4772] - 3001 M.C.M.

| | | 301: INFORMATION SECURITY AND AUDIT (2013 Pattern) (Semester - III) | 1 |
|-----|-----|--|-----------------------|
| | | 1/2 Hours] [Mailions to the candidates: Question No.6 is compulsory. Solve any 3 from the remaining. | ix. Marks : 50 |
| Q1) | | xplain Different Kinds of Biometric Security Available for Secuom. | ring a Server [10] |
| Q2) | W | hat is a Digital Certificate, and why do you need one? | [10] |
| Q3) | W | hat are the Security Threats in the E-commerce Environment? | [10] |
| Q4) | Ex | plain the security of electronic mailing systems. | [10] |
| Q5) | Dis | scuss SSE-CMM model in detail. | [10] |
| Q6) | W | rite short notes on any 4. | $[4\times5=20]$ |
| | a) | Digital signature. | |
| | b) | SAS 70 | |
| | c) | Firewall and its types | |
| | d) | Intrusion detection system | |
| | e) | Copy right | |
| | f) | Disaster recovery planning | |
| | | \Diamond \Diamond \Diamond | |

| Total No. | \mathbf{of} | Questions | : | 5] | |
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P1934

[4772] - 3002 M.C.M.

[Total No. of Pages : 1

| 302 NT: BASICS OF NETWORK TECHNOLOG (2013 Pattern) (Semester - III) | SIES |
|---|-------------------|
| Time: 2.5 Hours] Instructions to the candidates: 1) All questions are compulsory. 2) Figures to the right indicate full marks. | Max. Marks : 50 |
| Q1) Explain virtual Private Network and various Tunneling protoco | ols. [10] |
| Compare various topologies in detail. | [10] |
| Q2) Explain functioning of switches, Routers and modems. OR | [10] |
| Explain File and print services and storage managemen 2003 server. | t in windows [10] |
| Q3) Explain steps for configuration of DHCP server in windows 20 OR | 003. [10] |
| Explain various mail protocols. | [10] |
| Q4) Explain various user management commands in Linux. OR | [10] |
| Explain configuration of Apache web server in Linux. | [10] |
| Q5) Explain Linux File system and default Directories in Linux. OR | [10] |
| Explain installing and configuring packages in Linux. | [10] |

| Total No. | of Questions | : | 6] |
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| SEAT No. | : | |
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P1935

[4772] - 3003 M.C.M.

[Total No. of Pages : 1

| | | 302-ST: QUALITY CONTROL & ASSURANCI (New 2013 Pattern) (Semester - IV) | E |
|-----|----------|---|--------------------|
| | | [Ma tions to the candidates: Solve any five Questions. Figures on the right show marks. | x. Marks: 50 |
| Q1, | | befine Software Project Management. Explain components of system. | management [10] |
| Q2) | | efine Software Quality. Describe reason for poor quality. Explain roduct quality and process quality. | in concept of [10] |
| Q3, | a) a) b) | | [5] [5] |
| Q4) | | refine and explain software errors, software faults and software kample. | failures with [10] |
| Q5) | | That do you understand by SQA? Describe major activities nativities of sective SQA. | ecessary for [10] |
| Q6) |) Wr | rite short notes: (Any Two) | [10] |
| | a) | Staff training. | |
| | b) |) Software testing | |
| | c) | SEI CMM. | |
| | | † † | |

| Total No. of Questions: 7] | | | SEAT No. : | |
|----------------------------|--------|------|------------|---------------|
| P1936 | [4770] | 2004 | [Total No | o. of Pages : |

[4772] - 3004 M.C.M.

SOFTWARE DEVELOPMENT SPECIALIZATION 302SD: Program and Design with ASP.NET (2013 Pattern) (Semester - III)

| | | (2013 Pattern) (Semester - III) | |
|-------|------------------------|---|------|
| | | Hours] [Max. Marks: | : 50 |
| Insti | ucti 1) 2) 3) | ions to the candidates: Question 1 is compulsory. Solve any FOUR questions from Q.No.2 to Q.No.7 Figures to the right side indicate full marks. | |
| Q1) | De | esign a form and write code to: | 10] |
| | a) | Add a record | |
| | b) | Delete Selected Record | |
| | c) | Edit Selected Record | |
| | Us | se connected architecture. Name of Server: MyAspDB (SQL Server) | |
| | Na | ame of Table: BookMaster (BookID, Title, Author, Publisher, Price) | |
| Q2) | Ex | xplain Tree View and Menu Control in detail. [1 | 10] |
| Q3) | Ex | xplain Login Control and Create User Wizard Control in detail. [1 | 10] |
| Q4) | Dra | aw and Explain ASP.NET architecture in detail. [1 | [0] |
| Q5) | co | efine a class Book with appropriate attributes. Write parameterize instructor for the same, write a method to check book is available in libration. Write a main program to demonstrate your functionality. | |

| Q6) | Expl | ain the following controls: (Any TWO) | [10] |
|-------------|-------|---------------------------------------|------|
| ~ | a) | Bulleted List Control | . , |
| | b) | Range Validator Control | |
| | c) | CheckBox Control | |
| | | | |
| Q7) | Write | e short notes on following: (Any TWO) | [10] |
| | a) | Creating and Applying Themes | |
| | b) | Web Service | |

c) Ajax Server Control

| Total No. of Questions : 5] | SEAT No.: |
|-----------------------------|-----------------------------|
| P1937 | [Total No. of Pages : 1 |

[4772]-3005 M.C.M.

303-NT: SERVER & DESKTOPTECHNOLOGIES (2013 Pattern) (Semester-III)

Time: 2.5 Hours] [Max. Marks: 50

Instructions to the candidates:

- 1) All questions are compulsory.
- 2) Each question carries equal marks.
- **Q1)** Explain USB, Serial and Parallel ports with their functioning.

OR

Explain various types of RAM.

Q2) Explain various addressing modes with example.

OR

Explain pipelining with example.

Q3) Explain 32-Bit Architecture with diagram.

OR

Explain steps in repairing Windows XP.

Q4) Explain steps for Windows 7 clean install.

OR

Explain network installation and Wi-Fi configuration in Windows 7.

Q5) Explain various types of printers with their functioning.

OR

Explain any one Antivirus Tool.

••••

| Total No | o. of Q | uestions | : | 6] | |
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[Total No. of Pages: 1

P1938

[4772]-3006 M.C.M.

303-ST: SOFTWARE TESTING PROCESSES AND

DOCUMENTATION (2013 Pattern) (Semester-III)

Time: $2^{1}/_{2}$ Hours] [Max. Marks: 50 Instructions to the candidates: Question Nos. 1 and 6 are compulsory. 2) Solve any three of the remaining. 3) Figures to the right indicate full marks. **Q1)** a) Explain software Testing constraints. [5] Explain Tester's workbench. [5] b) **Q2)** Explain Verification and Validation in detail. [10] Q3) Explain White box and black box testingin detail. [10]Q4) Discuss Contracted software test process [10]Q5) Discuss Internal control models. [10] **Q6)** Write short notes on (Any Two): [10] Technique to test security. a) Test work processes. b) Functional and structural testing. c)

•••••

| Total No. of Questions : 5] | | SEAT No. : |
|-----------------------------|-------------|-------------------------|
| P1939 | [4772]-3007 | [Total No. of Pages : 1 |

[4772]-300° M.C.M.

303 SD: MOBILE PROGRAMMING USING ANDROID (2013 Pattern) (Semester-III)

Time: 2.5 Hours] [Max. Marks: 50

Instructions to the candidates:

- 1) All questions are compulsory.
- 2) All questions carry equal marks.
- Q1) Explain Android SDK versions and their features.

OR

Explain Building Blocks of Android.

Q2) Write xml file code to create login form using vertical and horizontal orientation property of LINEAR LAYOUT.

OR

Write .java code file for displaying list view of array values.

Q3) Write .java code file for creating DrawView and sets it as activity's main content. Also sets the borderless window.

OR

How to Play Audio and Video files in Android? Explain with example.

Q4) Explain method for creation, insertion and fetching SQLite Database in android.

OR

Explain use of Content Provider with example.

Q5) Explain service life cycle in android.

OR

What are preferences? Explain any three common preferences in android.

••••

| P1940 | SEAT No. : | |
|---------------------|-------------------|-----|
| P1940 [4772] - 3008 | Total No. of Page | s : |

[4772] - 3008 M.C.M.

| 304 NT: SYSTEM ADMINISTRATION AND SERVER INTEGRATION | | | | |
|--|--|-------------------|--|--|
| | (2013 Pattern) (Semester - III) | | | |
| Time: 2 | Hours 30 Mins.] [Max. Marks | s:50 | | |
| Instructi 1) 2) 3) | ions to the candidates: Question 1 is compulsory. Answer any three questions from the remaining. Figures to the right side indicate full marks. | | | |
| Q1) a) | Explain concept of Domains and Active Directory. Explain step Active Directory Installation. | s for [10] | | |
| b) | Explain steps for Samba Server Installation. | [10] | | |
| _ | xplain how to manage Groups and Computer Account in Window Solo8. | erver | | |
| Q3) Ex | xplain default Directory structure and their purpose in Fedora Linux. | [10] | | |
| Q4) Set | by step explain DHCP server installation in Window 2003. | [10] | | |
| Q5) Illi | ustrate package management in Linux. | [10] | | |
| <i>Q6)</i> Dr | raw and explain Architecture of Linux with reference to Kernel and Sh | ell. [10] | | |

P.T.O.

- a) Distributed O.S.
- b) Virtual Private Networks
- c) Boot loader.
- d) Secure Administration.
- e) X-Window System



| Total No. of Questions : 6] | | of Questions : 6] | SEAT No. : | |
|-----------------------------|--------|--|------------------------|--|
| P19 | 941 | [4772] - 3009 | [Total No. of Pages: 1 | |
| | | M.C.M. | | |
| 304 | IST: | SOFTWARE TEST PLANNING AND | DOCUMENTATION | |
| | | (New 2013 Pattern) (Semest | er - III) | |
| Time | 2:2½l | Hours] | [Max. Marks: 50 | |
| Instr | uction | ns to the candidates: | | |
| | 1) | Q.Nos.1 &6 are compulsory. | | |
| | 2) ! | Solve any three from the remaining. | | |
| • | 3) 1 | Figures to the right indicate full marks. | | |
| Q1) | Expl | ain pre-requistic of test planning. | [10] | |
| Q2) | Wha | at is test plan? Explain test objective and acce | ptance criteria. [10] | |
| Q3) | Exp | lain Functional test cases, Structural test case | s in detail. [10] | |
| Q4) | Disc | cuss uses of tools in testing. | [10] | |
| Q5) | Exp | lain defect management in detail. | [10] | |
| Q6) | Wri | te short notes on: (Any Two). | [10] | |
| | a) | user acceptance testing | | |
| | b) | test result reporting | | |

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Histogram

c)

| Total No. of Questions : 6] | | SEAT No. : | |
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| P1942 | [4772] - 3010 | [Total No. of | Pages: |

[4772] - 3010 MCM -II

| | | M.C. | MII |
|---------------------------------|-----------|---|---|
| | | SOFTWARE DEVELOP | MENT SPECIALIZATION |
| | | 304SD: Ad | vanced Java |
| (2013 Pattern) (Semester - III) | | | |
| Time | e:2 | ½ Hours] | [Max. Marks: 50 |
| Insti | ructi | ions to the candidates: | |
| | 1) | Q.Nos.1 & 6 are compulsory. | |
| | <i>2)</i> | Solve any three questions from the | |
| | 3) | Figures to the right indicate full m | arks. |
| Q1) | Sol | ve the following. | [10] |
| | a) | What is RMI Registry? | |
| | b) | Write two methods from Resu | lt set Metadata with an example. |
| Q2) | | rite a client server socket progra | om to accept a string from the client. The int it. [10] |
| Q3) | | rite servlet code to accept informurse. | mation of students registered for 'MCM' [10] |
| Q4) | Wr | - | aber of employees. Display the attributes [10] |
| Q5) | | ite a HTML page which will acce tient table using JSP. | ept details about patient. Insert details into [10] |
| Q6) | Wı | rite short notes: (Any Two). | [10] |
| | a) | JSP Directives. | |
| | b) | Session tracking in servlets. | |

c) JNDI.

