V.S.B. COLLEGE OF ENGINEERING TECHNICAL CAMPUS, COIMBATORE

Academic Year: 2017-2018 (Even Semester) Department of Computer Science and Engineering Question Bank (2013 Regulations)

S.No.	Name of the Subject / Lab	Semester	Page No.
1	Multi-core Architecture	VIII	2
2	Human computer interaction	VIII	6
3	Software project management	VIII	10

Multi-core Architecture Question Bank 2 Marks and 16 Marks

UNIT-1

- 1. Difference between Symmetric Memory Architecture and Distributed Memory Architecture.
- 2. What is vector Instruction?
- 3. What are the factors to increasing the operating frequency of the processor?
- 4. Comparison between single and multi core CPU.
- 5. Define SIMD
- 6. Define MIMD
- 7. What is NUMA with neat sketch?
- 8. Define interconnection networks and its types.
- 9. What is Toroidal mesh?
- 10. Define Latency and Bandwidth.
- 11. Define Cache Coherence Protocol with its types.
- 12. What is called Directory based?
- 13. Define snooping.
- 14. What are the characteristic of the performance due to write update and write invalidate protocols?
- 15. What are the disadvantages of Symmetric Shared Memory architecture?
- 16. Define Agglomeration or aggregation.
- 17. What are the issues available in handling the Performance?
- 18. Define False Sharing.
- 19. Write a mathematical formula for speedup and efficiency of parallel program speed up.
- 20. What are the steps involved in designing and building parallel program?
- 21. What is single core Processor?
- 22. What is multi core processor?

UNIT-2

- 1. Why Algorithmic Complexity is important?
- 2. What is called Out-of-order in detail?
- 3. Define Hardware prefetching.hat
- 4. Define Software prefetching.
- 5. Define work Imbalance.
- 6. Define hot or contended locks.
- 7. Define Oversubscription
- 8. What are the processes of priority Inversion?
- 9. Define Data races.
- 10. Define Synchronization.
- 11. Define region of code.
- 12. Define Deadlock.

- 13. Define live lock.
- 14. Define Condition Variable
- 15. Define Signals and Events.
- 16. Define Message queue.
- 17. Define Named pipes.
- 18. What are the two common metrics for performance?
- 19. Define Algorithm complexity.
- 20. How structure impacts performance?.
- 21. What is spin locks?
- 22. Define Semaphores.
- 23. Define barriers.
- 24. How the threads are communicate with each other?

UNIT-3

- 1. What is termed as initial task region?
- 2. List the effect of cancel construct.
- 3. When will a cancellation point construct triggers?
- 4. Define the term thread private memory.
- 5. Differentiate shared memory model and message passing model.
- 6. Write short note on private variable.
- 7. Brief about flush set.
- 8. How to enable consistency between two threads temporary view and memory?
- 9. List the criteria for sentinel of conditional complication.
- 10. What are the ICVs stored values affect loop regions?
- 11. What are the ICVs stored values affect program execution?
- 12. List the restrictions to array.
- 13. List the restrictions to parallel construct.
- 14. List the restrictions to work sharing construct.
- 15. List the restrictions to sections construct.
- 16. Brief about simple lock routines.
- 17. Brief about Nestable lock requires.
- 18. Brief about pragma.
- 19. Define the term shared variable in execution context..
- 20. Define the term private variable in execute context.
- 21. How does the run time system know how many threads to create?

UNIT-4

- 1. Define the term MPI
- 2. Brief the term collective communications.
- 3. What is the purpose of wrapper script?
- 4. How to compile and execute a MPI hello.c program in MPI environment?
- 5. What are the functions in MPI to initiate and terminate a computation, identify processes and send and receive message?
- 6. What are the different data type constructors?

- 7. Brief about communicator in MPI.
- 8. How to remove a group?
- 9. List the dimension of the array in distributed array.
- 10. How to create a Cartesian Constructor?
- 11. What are the interfaces to create a distributed graph topology?
- 12. What are the features of blocking and non-blocking in point-to-point communication?
- 13. List some predefined reduction operators in MPI.
- 14. Brief about MPI_ALL_reduce and their representations.
- 15. Define the term broadcast in collective communication.
- 16. List the functions of Group Accessors.
- 17. How to represent any collection of data items in MPI?
- 18. How will calculate elapsed time in MPI?
- 19. Define the term linear speedup.
- 20. Brief about strongly and weakly scalable.

UNIT-5

- 1. What are the input and output parameters of n-body problem?
- 2. Brief about reduced algorithm
- 3. Brief about Pthread's Loop scedule functionality in parallel processing.
- 4. What are the difficult data structures can be adopted in a process?
- 5. What are the two phases for computation of forces?
- 6. Define the term ring pass.
- 7. What is graph?
- 8. What is directed graph of digraph?
- 9. Why diagraph is used in Travelling Salesperson Problem?
- 10. How to find a least cost tour in TSP?
- 11. How the function Push copy is used in TSP?
- 12. What are the global variables for Recursive depth first search?
- 13. Define the term Pthreads or POSIX Threads.
- 14. What are the different categories of pthread?
- 15. What are the reasons for parameter threads_in_cond_wait used in Tree search?
- 16. What are the modes of message passing interaces for send and its functions?
- 17. Brief about MY avail tour count functions.
- 18. Brief about pthread mutex trylock
- 19. Write about Fulfill request functions.
- 20. Distinguish between MPI Pack and MPI Unpack?

16 Marks UNIT-1

- 1. Explain in detailed about SIMD and MIMD systems
- 2. Explain briefly about interconnection networks.
- 3. Describe briefly on the performance issues of Multi core Processors.
- 4. Describe the parallel program and explain in detail.
- 5. Discuss in detail about the cache coherence.

6. Explain briefly on Symmetric Memory Architecture and Distributed Memory Architecture..

UNIT-2

- 1. Discuss in detail about the performance in parallel application.
- 2. Briefly about the scalability in parallel application.
- 3. Explain in detail about data races and to overcome it.
- 4. Discuss in detail about the synchronization primitives.
- 5. Write in detail about conditional variables in communication between them.
- 6. Discuss in detail about communication between threads.

UNIT-3

- 1. Illustrate an OpenMP execution model with an example.
- 2. Explain the work-sharing constructs.
- 3. Explain in detail about General data parallelism.
- 4. Discuss in detail about Functional parallelism.
- 5. Explain in detail about the handling loops in parallel operations.
- 6. Illustrate the execution environment routines.
- 7. Explain briefly about internal control variables and array sections in directives.

UNIT-4

- 1. Illustrate an MPI program execution with an example.
- 2. Explain briefly about MPI Constructs of distributed memory.
- 3. Describe briefly about libraries for groups of processes and virtual topologies.
- 4. Explain the functioning of MPI Send and MPI Recv.
- 5. Draft an outline about the point-to-point communication with their functions.
- 6. Inscribe about the collective communication with their functions.

UNIT-5

- 1. Explain briefly about tree search using MPI and static partitioning.
- 2. Explain briefly about tree search using MPI and dynamic partitioning.
- 3. Explain in detail about Recursive and Non-recursive depth-first search with example.
- 4. Describe about parallelizing tree search using pthreads.
- 5. Discuss in detail about the performance of MPI Solvers.

CS 6008 HUMAN COMPUTER INTERACTION PART A

UNIT I

- 1. What is meant by Human-computer interaction?
- 2. What are the benefits of good design?
- 3. What is meant by GUI?
- 4. Mention any 2 advantages of graphical system?
- 5. What are visually presented elements in a graphical system?
- 6. Define pick and click interaction?
- 7. Define Visualization.
- 8. What is an object and its types?
- 9. Define property/attribute specification and explain its sequence.
- 10. Define concurrent performance of functions.
- 11. What are the goals of web interface design?
- 12. What is meant by web interface design?
- 13. What are the similarities between GUI and web interface design?
- 14. Write any 2 differences between GUI and Webpage design.
- 15. Write any 2 differences between Printed page versus Web pages?
- 16. What is the communication channel between human and computer?
- 17. Mention any 2 difference between Intranet versus the Internet?
- 18. What is meant by transparency?
- 19. Define user interface? What are the components of user interface.
- 20 .What are the five ways to provide simplicity?

UNIT-II PART - A

- 1. What are the common pitfalls in the design process?
- 2. Define usability.
- 3. What are the common usability problems?
- 4. Identify human characteristics in design?
- 5. Differentiate between short-term and long-term memory.
- 6. What is meant by visual activity?
- 7. What are the direct methods in requirement analysis?
- 8. What are the indirect methods in requirement analysis?
- 9. Define mental model.
- 10. What are the guidelines for designing conceptual model?
- 11. What are goals of interface design?
- 12. What are the elements of screen?
- 13. What are the components of a statically graphic?
- 14. What are System Training tools?
- 15. What is test for a good design?
- 16. How to achieve clarity?
- 17. What are the qualities in visually pleasing composition?
- 18. What is known as Tabbing?
- 19. What is necessary for ordering?
- 20. Define pull down menu.

UNIT-III PART -A

- 1. Define window.
- 2. What is known as split box?
- 3. Define size grip?
- 4. What are the presentation styles of windows?
- 5. What are the advantages of Tiled windows?
- 6. What is known as cascading window?
- 7. What are the different features, of tiled & over lapping window?
- 8. What are the various types of windows?
- 9. Differentiate between cascading and unfolding.
- 10. What are the various window management schemes?
- 12. What is meant by windows project?
- 13. How window is organized?
- 14. What are the advantages of frames in web systems?
- 15. List some example for device based controls.
- 16. Differentiate the usage of keyboard with mouse?
- 17. What is meant by graphic tablet?
- 18. What is meant by spin box?
- 19. What is meant by slider?
- 20. Differentiate between tooltip from balloon tips.

<u>UNIT-IV PART – A</u>

- 1. What type of words used in effective communication?
- 2. What are the guidelines followed for sentence and message?
- 3. Define message? What are the types of messages?
- 4. What is meant by instructional message?
- 5. What is meant by response time?
- 6. What is the use of progress indicator?
- 7. What is known as ear cons?
- 8. Differentiate between slip and mistake?
- 9. What are the ways to prevent errors?
- 10. What is meant by contextual Help?
- 11. What is the purpose of hints?
- 12. What is meant by internalization?
- 13. What is meant by localization?
- 14. What is meant by Accessibility?
- 15. What are the various types of disabilities?
- 16. What is meant by icon?
- 17. What are the various kinds of icon?
- 18. What is meant by dithering?
- 19. Mention the properties of a color.
- 20) What is known as protanopia, deuteranopia and tritanopia.

UNIT-V PART - A

- 1. Differentiate control and section borders.
- 2. What are the principles of good screen design?
- 3. What is the purpose of usability testing?
- 4. What is meant by cognitive walk through?
- 5. What is meant by think-aloud evaluation?
- 6. Define focus group.
- 7. Define transition diagram.
- 8. What is importance of usability testing?
- 9. What is meant by prototype?
- 10. What are the various searches used in the multimedia document?
- 11. What are the features of user-interface building tools?
- 12. List some software tools used for user interface design.
- 13. What are the benefits of menu trees?
- 14. What are the ways to categorizing the web?
- 15. What are the various types of TTT?
- 16. What is the four phase framework to clarify user interfaces for textual search?
- 17. Define www.
- 18. Mention the types of prototypes.

CS6008 – HUMAN COMPUTER INTERACTION PART B UNIT 1

- 1. Explain in detail about human I/O Channels.(16)
- 2. Explain some of the computer application and their usage patterns. (16)
- 3. What are the data and functional requirements of I/O Channels?(16)
- 4. Explain briefly about reasoning and problem solving. (16)
- 5. Explain about the computer devices (8)
- 6. Explain about the processing and networks.(8)
- 7. Discuss briefly about Interaction-Models-frameworks. (16)
- 8. Write notes on(16)

UNIT II

- 1. Describe the architecture design and software process.(16)
- 2. Explain briefly about screen design.(16)
- 3. Explain briefly about Iteration and prototyping.(16)
- 4. Explain briefly about HCI in software process.(16)
- 5. What are the design and software process components? Write note on each of them. (16)
- 6. Describe in detail about the software life cycle.(16)

- 7. Describe in detail about prototyping in practice (16)
- 8. What are the design basic services? Explain each of them with necessary diagrams.
- .(16) 9.(a) Write notes on design rules (8)
 - (b) Write notes on principles (8)
- 10.(a) Write notes on evaluation techniques (8)

UNIT III

- 1. Explain the different levels of Cognitive models? (16)
- 2. Explain in details the Socio-Organizational issues and stake holder requirements?(16)
- 3. Explain the different types of Communication and collaboration models? (16)
- 4. Explain the virtualization of CPU, Memory and I/O devices? (16)
- 5. Explain the Hypertext, Multimedia and WWW? (16)

UNIT IV

- 1. Explain the Architecture of Mobile HCI with a neat diagram.(16)
- 2. Describe about the Mobile Ecosystem: Platforms, Application frameworks (16)
- 3. Describe about the Mobile services available in market.(16)
- 4. What are the types of Mobile Applications?(16)
- 5. Write notes on Mobile 2.0.(16)
- 6. Explain briefly about Mobile Information Architecture.(16)

UNIT V

- 1. Explain the web interface design in HCI with detail?(16)
- 2. Explain the designing interfaces architecture in detail?(16)
- 3. Explain in detail about direct selection?(16)
- 4. Explain the application of web interface in detail?(16)
- 5. Explain the Inlays and Virtual Pages in detail?(16)
- 6. Explain the process flow in detail?(16)

SOFTWARE PROJECT MANAGEMENT

QUESTION BANK

UNIT -I: PROJECT EVALUATION AND PROJECT PLANNING

PART A

- 1. What is a project?
- 2. What are the characteristics of a project?(Nov/Dec2011/Nov/Dec2012/NOV 2014/NOV 2015/ APRIL 2016)
- 3. What is the different software projects and other types of project?(May/June2012/APRIL 2016)
- 4. Define Contract Management.(May/Jun2013)(Apr2014).
- 5. What are the Technical Project Planning Methodologies
- 6. What are the three successive processes that bring a new system?(Nov/Dec2012)
- 7. Define Feasibility Study.
- 8. What is meant by planning?
- 9. What are the phases in software development life cycle?
- 10. Define Requirement Analysis.
- 11. What is meant by qualification testing?
- 12. What is the difference between Information systems and embedded
- 13. Differentiate Objectives Vs products.
- 14. What is management?
- 15. What are the activities of management?(Apr2014)
- 16. What are the problems with software project from manager's point of view?(May/Jun2013)
- 17. What are the problems with software project from student's point of view?(May/Jun2013)
- 18. What is meant by management control?
- 19. What are the steps involved in step wise planning?
- 20. How to identify project infrastructure?
- 21. How to manage activity risks?
- 22. Define project stake holders.(APRIL 2015)
- 23. How to review and publicize plan?
- 24. Define process. (Nov/Dec2011)
- 25. Define technical assessment.(may/Jun2013)
- 26. What are the steps in cost-benefit analysis?
- 27. Define development costs.
- 28. Define setup costs.
- 29. Define operational costs.
- 30. What is meant by cost flow forecasting?(Apr 2014)
- 31. What are the cost-benefit evaluation techniques?
- 32. Give the formula of payback period.
- 33. Define Decision tree.(may/Jun2013)
- 34. What is IRR? How is it calculated?(Nov/Dec2011)(May/Jun2012)
- 35. What is the significance of a "project risk matrix"? give an example (may/Jun2012)

PART B

- 1. Explain the difference between software projects and other projects in detail.
- 2. Explain contract management and technical project management. (NOVEMBER 2014)
- 3. Explain activities covered by the software project management. (Nov/Dec2011/Nov/Dec2012 / May/Jun2013/Apr 2014/NOV 2014)
- **4.** What is management? Explain the problems with software projects.(Nov/Dec2011)(Nov/Dec2012)
- 5. Explain stakeholders and business case.(NOV 2015/APRIL 2016)
- **6.** Explain the step-wise project planning in detail. (Nov/Dec2011/may/Jun2012/Apr2014/ NOV2015/APRIL 2016)
- 7. How to analyze the project character tics?(may/Jun2012)
- **8.** Explain the steps involved in to identify activity risks.
- **9.** Explain the various SDLC activities as outlined by ISO 12207 with a neat diagram.(May/Jun2012 /APRIL 2015)
- 10. What are the steps involved in project evolution?(APRIL 2016)
- 11. Write in detail for project management with strategic assessment.(Nov/Dec2011/APRIL2016)
- 12. Explain cost-benefit evaluation techniques.(Nov/Dec2011/May/Jun2013/NOV 2014/Apr2014 / APRIL 2015/NOV 2015)
- 13. Explain risk evaluation. (Nov/Dec2011/May/Jun2012/ Nov/Dec2012/ Nov 2014/April 2015/April 2016)
- 14. What is meant by cash flow forecasting? Explain with example. (May/Jun2012/Nov/Dec2012/ Nov 2015/April 2016)

UNIT -II: PROJECT LIFE CYCLE AND EFFORT ESTIMATION

PART-A

- 1. What is Process?
- 2. What is Process modeling?
- 3. What is Product Life Cycle?
- 4. What are the phases in Product Life Cycle?
- 5. What is Rapid Application Development?
- 6. What is an Agile method?
- 7. Define Agile development.

- 8. Define SCRUM.
- 9. What are the benefits of SCRUM?
- 10. List the roles of SCRUM.
- 11. List out the SCRUM Meetings
- 12. List the outputs of cost estimation?
- 13. What is Cost Estimation Accuracy?
- 14. List out the methods of cost estimation.
- 15. Define COCOMO.
- 16. List the objectives of COCOMO II.
- 17. List the models in COCOMO II
- 18. List types of process models.
- 19. Define Waterfall Model.
- 20. List the advantages of Waterfall Model.
- 21. List the disadvantages of Waterfall Model.
- 22. When to use the waterfall model.
- 23. Define Agile Model.
- 24. Advantages of Agile model.
- 25. Disadvantages of Agile model.

- 1. Explain rapid application development.
- 2. Illustrate Extreme Programming.
- 3. Explain Effort and cost estimation techniques.
- 5. Explain managing interactive Processes.
- 6. Explain COCOMO 2 parametric productivity model.

7. Illustrate staffing pattern.

UNIT-III: ACTIVITY PLANNING ANDRISKMANAGEMENT

PART-A

- 1. What are the steps involved in Activity Planning?
- 2. What are the objectives of activity planning?(Nov/Dec2012)(May/Jun2013)
- 3. Define resource allocation.
- 4. How will define the activities?
- 5. What are the three different approaches to identifying the activities?
- 6. Write short notes on WBS.(Nov 2014/Nov 2015)
- 7. Mention the five levels of WBS.
- 8. How will formulate the network model?
- 9. What are the rules for constructing precedence networks?
- 10. Define Hammock activities.
- 11. What is meant by forward pass?
- 12. What is meant by backward pass?
- 13. What are the rules of activity –on-arrow rules and conventions?(Nov/Dec2011)
- 14. Define Risk.(Nov/Dec2011)
- 15. What are the risks to business impact?(Apr 2016)
- 16. What are things to be considered in risk management?(Nov/Dec2012)
- 17. Define Risk Identification.
- 18. Define risk analysis and risk monitoring.
- 19. Define Risk Planning.
- 20. What are the steps in risk planning?
- 21. Define risk assessment.
- 22. Define Hazard analysis.
- 23. What are called "Free floats "and "interfering floats"? how are they calculated?(May/Jun2012/ Apr 2016)
- 24. What is a "Dangle" in an activity Network? show an example?(May Jun/2012)

- 1. What are the objectives of activity planning?
- 2. Explain the approaches for identifying the activities. (Nov 2014)
- 3. Explain in detail formulating a network model.(May/Jun2012/Nov/Dec2012/ Nov 2015)
- 4. What is the difference forward pass and backward pass explain with example.(Nov 2014 / Apr 2015)
- 5. Explain activity-on-arrow networks. (May/Jun2013/Apr 2015)
- 6. What are the approaches in risk identification?(Apr 2015)
- 7. Explain the risk planning.(May/Jun2012/Nov/Dec2012/Nov 2015/Apr 2014)
- 8. How to evaluate the pert techniques.(Nov/Dec2011/Apr2014/Nov 2015/Apr 2016)
- 9. Explain with an example how critical path can be identified in precedence networks?(Nov/Dec2011)(May/Jun2013)

UNIT - IV: PROJECT MANGEMENT AND CONTROL

PART-A

- 1. Write notes on monitoring and control.(Apr2014)
- 2. What are the three steps in project control?(May/Jun2013/Nov 2015)
- 3. What are the functions in traffic light-method?
- 4. Define Gantt Chart
- 5. Define slip chart.(Nov 2014)
- 6. Write short notes on Earned Value Analysis.(Nov/Dec2011)
- 7. Define Scheduled variance.
- 8. What are the Deciding levels of monitoring?(May/Jun2013)
- 9. What are the steps in change control procedures?(Apr2014)
- 10. Define managing contracts.
- 11. What are the different types of contract?
- 12. What is meant by fixed price contracts?
- 13. Mention the advantages and disadvantages of fixed price contracts.
- 14. Define time and materials contracts.(Nov 2014)
- 15. What are the advantages and disadvantages are time and materials contracts?
- 16. Define fixed per unit delivered contracts.
- 17. What the advantages and disadvantages are of fixed per unit delivered contracts?
- 18. What are the processes of evaluation need?
- 19. What are the services to be provided in contracts?
- 20. Write any two advantages of function point analysis(Nov/Dec2011)
- 21. List the important roles of the configuration librarian (May/Jun2012).
- 22. Name the popular visual tools used for monitoring and tracking the project progress. (May/Jun2012).

- 1. Explain project control cycle in detail.
- 2. Explain the method Earned value Analysis.(Nov/Dec2011/Apr2014/Nov 2014/Apr 2015/Apr 2016)
- 3. Explain the change in control procedures.(Nov/Dec2011/May/Jun2012/Nov 2014)
- 4. Explain the different types of contract in detail.(May/Jun2012/May/Jun2013/Apr2014)
- 5. Explain fixed price contracts with advantages and disadvantages.(May/Jun2012)
- 6. Explain time and material contract with advantages and disadvantages
- 7. What are the stages in contract management?(Nov/Dec2011/May 2013/Apr2014/Nov2015/ Apr 2016)
- 8. Explain Fixed price per deliver unit with advantages and disadvantages
- 9. Describe the various ways in visualizing the progress of the project.(Nov/Dec2012/may/Jun2013 / Apr 2015)
- 10. Explain the process of prioritizing monitoring. Give example.(Nov/Dec2012)(may/Jun2013)

UNIT – V: STAFFING IN SOFTWARE PROJECTS

PART-A

- 1. What are the objectives of managing people and organizing teams?(Apr2014)
- 2. What are the three basic objectives of organizational behavior.(Apr2014)
- 3. What are the factors consider in X theory?(May/June2013)
- 4. What are the factors consider in Y theory?
- 5. Define Motivation.
- 6. What are the needs in maslow's hierarchy theory?(May/Jun2012/Apr 2015)
- 7. Write short notes on herzberg's motivation-hygiene theory.(Nov 2014)
- 8. What are the factors to be considered in the Oldham-hackman job characteristic model?
- 9. Mention the methods of improving motivation.
- 10. How to becoming a team?
- 11. Define Forming.
- 12. Define team worker.
- 13. What are the two categorized for Decision making?
- 14. Mention some mental obstacles to good Decision making.(May/Jun2013)
- 15. What are the measures to reduce the disadvantages of group Decision making?
- 16. Define Leadership.
- 17. What are the functions of leader?
- 18. What are the leadership models/theories?
- 19. What are the leadership styles?
- 20. Define Stress.(Nov/Dec2011/Nov/Dec2012/Apr2015)
- 21. Define Departmentation.
- 22. What do you understand by "Egoless Programming".(May/Jun2012)/Nov 2015)
- 23. What is bespoke system.(Nov/Dec2012)
- 24. What is the use of checkpoints in monitoring.(Nov/Dec2012/Apr 2016)

- 1. Explain the stepwise framework where staffing concerns are important.
- 2. Explain X theory and Y –theory. In detail.
- 3. Explain the recruitment process.(Nov/Dec2011/Nov/Dec2012/May/June2013/Apr2014)
- 4. Define motivation. Explain Maslow's hierarchy of needs.(Apr 2015/Apr 2016)
- 5. Explain the expectancy theory of motivation.
- 6. What the methods involved in motivation?(Nov/Dec2011/May/Jun2013/Nov 2014)
- 7. What are the steps needed to become a team?(Nov/Dec2012/Apr 2015)
- 8. Explain the leadership style in detail.(Nov/Dec2011/Apr 2015)
- 9. Explain the organizational structures.(May/Jun2012)(Nov/Dec2012) (May/Jun2013/Nov 2014/ Apr 2016)
- 10. Oldham-hack man job characteristic model.(May/Jun2012/Nov 2014/Apr 2015/Nov 2015)
- 11. Stress and its significance in IT Projects.(May/Jun2012/Nov 2015)
- 12. Explain the different ways of Decision making. (Nov/Dec2012/May/Jun2013/Apr2014/ Apr 2016)