**CS724 Miderm Important Questions:-**

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| Q1: Steps of Project Planning. Explain software scope. 5marks  Fall 2016 – Mid |
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| Steps of Project Planning: • Software scope • Estimation • Risk • Schedule • Control strategy  Software Scope:  • Understand the problem and the work that must be done – in a nutshell  • Software scope describes the data and control to be processed, function, performance, constraints, interfaces, and reliability  • Project scope must be unambiguous and understandable at the management and technical levels  • A statement of software scope must be bounded – in other words  • At the beginning of a project, things are very hazy and nothing is clear  • Good and open communication is required between developers and customer to define the scope of the project  • Who is behind the request for this work?  • Who will use the solution?  • What will be the economic benefit of a successful solution?  • Is there another source for the solution? |
| Q2: KPA of "Software Quality Management" of CMM Level-4. 5 Marks  Fall 2016 – Mid |
| Purpose: • Purpose is to develop a quantitative understanding of the quality of the project’s software products and achieve specific quality goals  • Involves      - Defining quality goals for the software products,      - Establishing plans to achieve these goals      - Monitoring and adjusting software plans and work products   Building High-Quality Products: • Software Quality Management Focuses on the product.  • Measurable quality goals for the product are defined.  • The product is ready when the goals are achieved.   Quality Evolves: • At level 2 the focus of quality is conformance to requirement  • By level 4 there is emphasis on understanding needs of the      - Customer      - End users      - Organization (supplier)  • Ultimately customer determines what quality is or is not  • TQM revolves around customer satisfaction |
| Q3: Explain process area "Supplier agreement management" of CMM level 2. 10 Marks Fall 2016 – Mid |
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| Q4: Explain process area "Technical Solution" of CMM level 3. 5 Marks  Fall 2016 – Mid |
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| Q5: explain W and A process models. 5 Marks  Fall 2016 – Mid |
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| Q6: What is KPA process definition of CMMI? 5 marks  Fall 2016 – Mid |
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| Q7: What is project tracking and oversight of CMM. 5 Marks  Fall 2016 – Mid |
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| Q8: Explain KPA “Organizational training”. 10 Marks  Fall 2016 – Mid |
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| Q9: Give EVTX model of Rework Activity in Inspection. 5 Marks  Fall 2016 – Mid |
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| Q10: Explain organization focus.  Fall 2016 – Mid |
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| Q11: What is continuous and staged representations and their advantages.  Fall 2016 – Mid |
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| Q12: Explain casual analysis and resolution. 10 Marks  Fall 2016 – Mid |
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| Q13: Explain KPA “Software product engineering”. 5 Marks  Fall 2016 – Mid |
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| Q14: Explain “Data recording and report” in inspection activity with ETVX model. 5 Marks  Fall 2016 – Mid |
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| Q15: What are attributes of process to choose or satisfy the CMMI model? 5 marks  Fall 2016 – Mid |
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| Q16: Explain "Verification" process area in CMMI 3. 10 marks  Fall 2016 – Mid |
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| Q17: Explain Software Quality Management CMMI 4. 5 Marks  Fall 2016 – Mid |
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| Q18: What are the attributes of processes according to CMMI?  Fall 2016 – Mid |