



Time:		Max.Marks: 100																													
S.NO	Answer All Questions	Choice	Options	Marks	CO	C E																									
1.	Define project management and list out various project stakeholders?	choice Q-2		10Marks	CO1	2																									
2.	Compare and contrast functional, matrix and project organizations. Illustrate how functional, matrix and project organization structure affects the management of the project?			10Marks	CO1	2																									
3.	Answer the following	choice Q-4		15Marks	CO1	2																									
3.A.	Outline globalization, outsourcing and virtual teams and explain the trends in IT project management?			7.5Marks	CO1	2																									
3.B.	Explain the three sphere model for systems management?			7.5Marks	CO1	2																									
4.	Answer the following			15Marks	CO1	2																									
4.A.	Outline some key events in the history of project management and identify the role of Project management Institute and other professional societies play in helping the profession?			7.5Marks	CO1	2																									
4.B.	Make use of systems view of a project and how does taking a systems view of a project apply to project management?			7.5Marks	CO1	2																									
5.	Outline the difficulties to use project management software?	choice Q-6		10Marks	CO2	2																									
6.	List out the activities for developing project schedules?			10Marks	CO2	2																									
7.	Answer the following	choice Q-8		15Marks	CO2	2																									
7.A.	Outline the need of seven basic tools of quality on an information technology project? Outline the need of seven basic tools of quality on an information technology project?			7.5Marks	CO2	2																									
7.B.	Make use of project scope management for the development of project			7.5Marks	CO1	2																									
8.	Answer the following			15Marks	CO2	2																									
8.A.	Choose some of the reports that you can generate in project time management with project 2007 software?			7.5Marks	CO2	2																									
8.B.	Identify three main categories of outputs for quality control?			7.5Marks	CO2	2																									
9.	Outline the process of identifying stakeholders and how to create a stakeholder register and stakeholder management strategy?	choice Q-10		10Marks	CG3	3																									
10.	Outline the roles of configuration management?			10Marks	CO3	3																									
11.	Answer the following	choice Q-12		15Marks	CO3	3																									
11.A.	Outline project human resource management for software development?			7.5Marks	CO3	3																									
11.B.	Identify various suggestions to agree or disagree for improving project communications, such as crating a communications management plan, stakeholder analysis or performance reports.			7.5Marks	CO3	3																									
12.	Answer the following			15Marks	CO3	3																									
12.A.	Build the configuration management activities?			7.5Marks	CO3	3																									
12.B.	Identify the importance of managing stakeholder expectations?			7.5Marks	CO3	3																									
13.	Define project monitoring and control? Explain monitoring and controlling processes and outputs?	choice Q-14		10Marks	CO4	3																									
14.	Define Project Charter and Project Management Plan Terminology			10Marks	CO4	3																									
15.	Answer the following	choice Q-16		15Marks	CO4	3																									
15.A.	Explain Network diagram and write the procedure to draw network diagram in MS Project?			7.5Marks	CC4	3																									
15.B.	Illustrate how software projects are classified as per the Software project management?			7.5Marks	CO4	3																									
16.	Answer the following			15Marks	CO3	3																									
16.A.	Compare and classify top-down approach and bottom-up approach of cost estimation? Consider a organic project to develop a full screen editor. The major components identified are 1. Screen edit, 2. Command language interpreter, 3. File input and output, 4. Cursor movement and 5. Screen movement. The sizes for these are estimated to be 4K, 2K, 1K, 2K and 3K delivered source code lines. Make use of COCOMO to determine overall estimation of effort and effort estimation for different phases (values for three different cost drivers different from 1.0 are, Complexity is High as 1.15, Storage is High as 1.06, Programmer capability is low as 1.17). The regression values are 3.2 and 1.05. Phase wise distribution effort. <table border="1" style="margin-left: 40px;"> <tr> <td></td> <td>2KLOC</td> <td>8KLOC</td> <td>32 KLOC</td> <td>128KLOC</td> </tr> <tr> <td>Product design</td> <td>16</td> <td>16</td> <td>16</td> <td>16</td> </tr> <tr> <td>Detailed design</td> <td>26</td> <td>25</td> <td>24</td> <td>23</td> </tr> <tr> <td>Code and unit test</td> <td>42</td> <td>40</td> <td>38</td> <td>36</td> </tr> <tr> <td>Integration and Test</td> <td>16</td> <td>19</td> <td>22</td> <td>25</td> </tr> </table>		2KLOC	8KLOC	32 KLOC	128KLOC	Product design	16	16	16	16	Detailed design	26	25	24	23	Code and unit test	42	40	38	36	Integration and Test	16	19	22	25			7.5Marks	CO4	3
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16.B.	Identify the benefits of earned value management and project portfolio management to assist in cost control			7.5Marks	CO3	3																									

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