



Mid Semester Examination - I

September 2019

Max. Marks: 20
 Class: F.Y.
 Course Code: MCA12
 Name of the Course: Software Engineering

Duration: 1 Hr
 Semester: I
 Date: 17/9/19
 Time: 12-1

Instruction:

- (1) All questions are compulsory
- (2) Draw neat diagrams
- (3) Assume suitable data if necessary

Q No.		Max. Marks	CO	Bloom's level																								
Q.1 (a)	Discuss four P's for effective Project management.	5	CO3	BL-2																								
(b)	Describe three real-life situations in which the customer and the end user are the same. Describe three situations in which they are different.																											
Q.2	<p>Consider a project with the following functional units :</p> <ul style="list-style-type: none">• Number of user inputs = 50• Number of user outputs = 40• Number of user enquiries = 35• Number of user files = 06• Number of external interfaces = 04 <table><tr><th>Functional Type</th><th>Simple</th><th>Average</th><th>Complex</th></tr><tr><td>user inputs</td><td>3</td><td>4</td><td>6</td></tr><tr><td>user outputs</td><td>4</td><td>5</td><td>7</td></tr><tr><td>user enquiries</td><td>3</td><td>4</td><td>6</td></tr><tr><td>user logic files</td><td>7</td><td>10</td><td>15</td></tr><tr><td>user internal files</td><td>5</td><td>7</td><td>10</td></tr></table> <p>Assuming all complexity adjustment factors and weighing factors as Complex, Find out the Function Points (FP) for the project.</p>	Functional Type	Simple	Average	Complex	user inputs	3	4	6	user outputs	4	5	7	user enquiries	3	4	6	user logic files	7	10	15	user internal files	5	7	10	5	CO3	BL-3
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Q.3	Identify and explain which model will you use for developing large government projects .Mention the reasons behind your choice of a particular life cycle?	5	CO 1	BL-3																								
Q.4	Can you apply Waterfall software process model while developing Banking Management system? Justify in your own words.	5	CO 1	BL-3																								