Hall Ticket No: | | | | | | | | | | | Question Paper Code: 141MCA32T17

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE, MADANAPALLE

(UGC-AUTONOMOUS)

Direct 2nd Year MCAII Year II Semester (R14) Regular End Semester Examinations –May/June 2016

(Regulations: R14)

SOFTWARE PROJECT MANAGEMENT

Time: 3Hrs **Max Marks: 60**

Attempt all the questions. All parts of the question must be answered in one place only.
In Q.no 1 to 5 answer either Part-A or B only

Q.1(A)	i. What are the risks in the water fall model implemented in the traditional way? ii. How can these risks be eliminated to a large extent? Still practicing waterfall model?	12M
	OR	
Q.1(B)	i. What are the key practices that improve overall SW quality? ii. How can good teams be built? How can you continue to have a team that works effectively and efficiently?	12M
Q.2(A)	Justify the dividing of the four phases of SW lifecycle into engineering and production stages.	12M
	OR	
Q.2(B)	Mention essential activities of four phases of SW life cycle in detail?	12M
Q.3(A)	What are the workflows in the lifecycle? What levels of activity take place in these workflows during each of four phases?	12M
	OR	
Q.3(B)	What is the content of minor checkpoints, major checkpoints and status assessments?	12M
Q.4(A)	What are the four component teams in a default line of business organization and th Responsibility?	12M
	OR	
Q.4(B)	Why the metrics divided into management and quality indicators? Name the core metrics under each category.	12M
Q.5(A)	What are the metrics collected in CCPDS-R? What is the purpose of each metric?	12M
	OR	
Q.5(B)	Explain modern process transitions?	12M

***** END*****

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(UGC-AUTONOMOUS)

Direct 2nd Year MCA II Year II Semester (R14) Regular End Semester Examinations – May/June 2016

(Regulations: R14)

BIG DATA AND ANALYTICS

Time: 3Hrs **Max Marks: 60**

Attempt all the questions. All parts of the question must be answered in one place only.
In Q.no 1 to 5 answer either Part-A or B only

Q.1(A)	Explain in detail on analysis and reporting tools in Big data.	12M
	OR	
Q.1(B)	i. Differentiate structured and unstructured data. ii. Write a short note on characteristics of big data.	12M
Q.2(A)	Explain working mechanisiom of mangoDB.	12M
	OR	
Q.2(B)	What is the need for NoSQL Databases? Explain in detail.	12M
Q.3(A)	Explain functioning of Hadoop Distributed File System.	12M
	OR	
Q.3(B)	Explain in detail how Map Reduce Works on Big data.	12M
Q.4(A)	Write a note on i. Hadoop Configuration ii. Hadoop Security	12M
	OR	
Q.4(B)	Explain how to Monitor and Manage the Hadoop Ecosystem in cloud	12M
Q.5(A)	Explain Big Data applications Using Pig and Hive with examples.	12M
	OR	
Q.5(B)	How to process Querying Data in Hive.	12M

***** END*****