Hall Ticket No:

Question Paper Code: 14CSU411

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE, MADANAPALLE
(UGC-AUTONOMOUS)

B.Tech IV Year II Semester (R14) Advanced Supplementary End Semester Examinations – July 2018
(Regulations: R14)

CLOUD COMPUTING
(Open Elective – Common to CE, EEE, ME, ECE)

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

Attempt all the questions. All parts of the question must be answered in one place only.
All parts of Q.no 1 are compulsory. In Q.no 2 to 6 answer either Part-A or B only

Q.1	i.	What are the benefits of cluster computing?	1M
	ii.	What is cloud computing?	1M
	iii.	Brief Parallel Data Query (PDQ).	1M
	iv	Define cloud data center.	1M
	v.	What is service oriented architecture?	1M
	vi	How the resources are shared between different service providers?	1M
	vii.	Difference between XML and JSON message format.	1M
	viii.	Name the various mobile operating system currently existing in market.	1M
	ix.	Write the various Amazon DB services.	1M
	x.	How the IoT devices are identified and represented in the cloud environment?	1M
Q.2(A)		Write briefly about an overview on Service Oriented architecture.	10M

OR

Q.2(B)		Explain the following: i) Vector processing ii) Massively parallel processing systems	5M 5M
Q.3(A)		Describe the following: i) What is the implementation issues regarding Software as a Service (SaaS)? ii) Benefits of SaaS model.	5M 5M

OR

Q.3(B)		Why On-Demand computing is felt as a popular enterprise model? Justify the reason for it.	10M
Q.4(A)		i) How the privacy protection is ensured in the cloud environment? ii) What are the basics required for data privacy?	5M 5M

OR

Q.4(B)		i) Describe Identity as a Service (IaaS) in detail. ii) Explain Permissive federation in detail.	5M 5M
Q.5(A)		Explain in detail about the cloud services and model used in: i) Face book ii) Zoho suite	5M 5M

OR

Q.5(B)		Discuss in detail the various YouTube players API in detail.	10M
Q.6(A)		Explain about the following: i) Microsoft dynamic CRM ii) CRM services	5M 5M

OR

Q.6(B)		Explain the following: i)Amazon S3 services. ii) Microsoft Azure Services platform	5M 5M

*** END***

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B.Tech IV Year II Semester (R14) Advanced Supplementary End Semester Examinations – July 2018

ENTREPRENEURSHIP
(Open Elective – Common to CE, EEE, ECE, CSE)

Time: 3Hrs   Max Marks: 60

Attempt all the questions. All parts of the question must be answered in one place only. **All parts of Q.no 1 are compulsory. In Q.no 2 to 6 answer either A or B only**

Q.1			
	i.	Define Entrepreneur.	1M
	ii.	What is Intrapreneur?	1M
	iii.	Explain financial plan.	1M
	iv.	What is business plan?	1M
	v.	Write short note on joint ventures.	1M
	vi.	What do you mean by angel investment?	1M
	vii.	Write any two differences between production and marketing management	1M
	viii.	List any two issues related to selection of layout.	1M
	ix.	What is market segmentation?	1M
	x.	How do the market functions?	1M

Q.2(A)	Compare the opportunities for Entrepreneurs in India and abroad.	10M

OR

Q.2(B)	Explain the Entrepreneurial decision process in detail.	10M

Q.3(A)	Explain the nature of the business plan and discuss about its scope.	10M

OR

Q.3(B)	Describe the format of business plan and its duration.	10M

Q.4(A)	Write short note on recruitment, motivating and leading teams for a starting venture.	10M

OR

Q.4(B)	Explain various strategies and issues to be followed for the new venture expansion .	10M

Q.5(A)	Explain product layout with suitable figure.	10M

OR

Q.5(B)	Discuss the location factors that influence the revenues and costs of business in rural and Urban areas.	10M

Q.6(A)	What are all the functions of marketing and explain any three of them.	10M

OR

Q.6(B)	Discuss in detail market segmentation and explain any one traditional method in market research.	10M

*** END***

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B.Tech IV Year II Semester (R14) Advanced Supplementary End Semester Examinations – July 2018
IoT NETWORKS
(Open Elective – Common to CE, EEE, ME, CSE)

Time: 3Hrs   Max Marks: 60

Attempt all the questions. All parts of the question must be answered in one place only.
All parts of Q.no 1 are compulsory. In Q.no 2 to 6 answer either Part-A or B only

Q.1	i.	Define IoT.	1M
	ii.	What is the purpose of gateway?	1M
	iii.	Expand UDDI.	1M
	iv	What is RPC?	1M
	v.	What is data abstraction?	1M
	vi	What is IoT analytics?	1M
	vii.	Define Knowledge management.	1M
	viii.	What are the disadvantages in bus topology?	1M
	ix.	What is EEPROM?	1M
	x.	List some of the uses of Arduino uno.	1M

Q.2(A)	What is smart grid technology? Explain with necessary diagram.	10M

OR

Q.2(B)	What is smart city? What is the role of IoT in making smart city?	10M

Q.3(A)	Explain SOAP architecture with necessary diagram. Also mention their features.	10M

OR

Q.3(B)	Explain in detail about MQTT with necessary diagram.	10M

Q.4(A)	Explain SOA based IoT architecture with necessary diagram.	10M

OR

Q.4(B)	Explain in detail about IoT connectivity architecture.	10M

Q.5(A)	Explain in detail about LAN. Also mention the advantages and disadvantages.	10M

OR

Q.5(B)	What are the key challenges with analytics in IoT?	10M

Q.6(A)	Explain any one of the application of Galileo with suitable example.	10M

OR

Q.6(B)	Explain in detail about specifications of Arduino Uno.	10M

*** END***