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TCS–821/TIT–823

B. Tech. (CS/IT) (Eighth Semester)
Mid Semester EXAMINATION, June, 2017
CLOUD COMPUTING

Time : Two Hours] [*Maximum Marks : 60*

Note : (i) This question paper contains *three* questions with alternative choice.

(ii) All questions are compulsory.

(iii) Each question carries four Parts (a), (b), (c) and (d). Attempt either Parts (a) and (b) *or* (c) and (d) of each question.

(iv) Each Part carries **ten** marks. Total marks assigned to each question are **twenty**.

1. (a) Explain in details the components of Cloud Computing. Give the advantages and disadvantages of Cloud Computing.

(b) Give the difference between Public, Private, Hybrid Cloud and Community Cloud with example.

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Or

(c) Explain all the salient features of cloud.

(d) What do you mean by Cloud Computing ? Explain the architecture of Cloud Computing with diagram.

2. (a) Explain the various methods of Cloud Development. Explain the phases that are there in the development of a Private Cloud.

(b) What are the advantages and disadvantages of Cloud Service development ?

Or

(c) Briefly explain the role of cloud computing in the growth of any organization. How is the cloud computing different from the Autonomic Computing and Application Service Provider ?

(d) Write short notes on the following :

(i) Google App Engine

(ii) IBM Cloud

3. (a) Write a short note on Amazon EC2. Explain the characteristics or features of Amazon EC2.

(b) What is the difference between IaaS, PaaS, and SaaS ?

Or

(c) Write a short note on the evolution of Cloud Computing. Explain the need of Cloud Computing in the current scenario.

(d) What do you mean by Virtualization ? Explain the various levels of virtualization.

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