

TCS-821/TIT-823**B. TECH. (CS/IT)
(EIGHTH SEMESTER)
MID SEMESTER EXAMINATION, 2018****CLOUD COMPUTING****Time : 1 : 30 Hours****Maximum Marks : 50**

Note : (i) This question paper contains two Sections.

(ii) Both Sections are compulsory.

Section—A

1. Fill in the blanks/True-False : (1×5=5 Marks)

(a) Cloud Computing is similar to Distributed Computing. (True/False)

(b) _____ computing does not have dedicated Host and Clients.

(c) _____ feature of Cloud Computing allows you to increase or decrease cloud capability without affecting its performance.

(d) DBaaS stands for _____.

(2) TCS-821/TIT-823

- (e) Time saving and cost effectiveness is a disadvantage of Cloud Computing.

(True/False)

2. Attempt any *five* parts : (3×5=15 Marks)

- (a) Explain the advantages and disadvantages of Cloud Computing.
- (b) Write a short note on various Cloud Services provided by the Cloud Systems.
- (c) What is the architecture of Cloud Systems ? Explain with the help of a diagram.
- (d) What are the various features that are available for Cloud Systems ? Explain.
- (e) Write a short note on Google App Engine, its services and tools provided to its clients.
- (f) Explain the similarities in Distributed Computing and Cloud Computing. Also explain how cloud computing is different from distributed computing ?

Section—B

3. Attempt any *two* parts of choice from (a), (b) and (c). (5×2=10 Marks)

- (a) How is Cloud Computing different from Autonomic computing and Distributed computing ?

(3)

- (b) Write short notes on :

(i) Community Cloud

(ii) Web based services for Cloud

- (c) Give the steps that a company should follow if it wants to migrate its data and functioning to the Cloud System.

4. Attempt any *two* parts of choice from (a), (b) and (c). (5×2=10 Marks)

- (a) What are the various Cloud Development methods ? Explain
- (b) What are the various services and tools that are available for Cloud Services Development ? Explain
- (c) Name and explain the services provided by Google App Engine.

5. Attempt any *two* parts of choice from (a), (b) and (c). (5×2=10 Marks)

- (a) Differentiate between SaaS and PaaS. Give *one* example of each.
- (b) "Cloud supports utilization of resources in Multi-Tenant Model." Justify the statement.
- (c) Explain how Cloud Computing is different from Traditional Computing ?

TCS-821/TIT-823

290