6TH SEM./ ETC/ 2022(S)

ETT604   Cloud Computing

Full Marks: 80   Time- 3 Hrs

Answer any five Questions including Q No.1& 2
Figures in the right hand margin indicates marks

1. Answer **All** questions   2 x 10
    a. Define cloud computing.
    b. What does Paas and Saas stand for?
    c. Define on-demand functionality.
    d. Differentiate distribution computing and cloud computing.
    e. Name various types of clients in cloud computing technology.
    f. Write down the examples of cloud storage.
    g. What do you mean by open source and give examples of open source application?
    h. How does API works?
    i. Define community cloud.
    j. What are the different models for deployment in cloud computing?

2. Answer **Any Six** Questions   6 x 5
    a. Explain the characteristics of cloud computing.
    b. Write down the difference between Iaas, Paas and Saas.
    c. Discuss various types of browsers in cloud computing.
    d. Define web based calendars and explain any two web based calendar.
    e. Explain the web based spread sheet.
    f. Write a short note on Google App Engine.
    g   Write down the features of open stack.

3   Define Iaas and explain the characteristics of Iaas. Name the leading   10
    Iaas provider.
4   Describe about collaborating on event management application.   10
5   What is Microsoft Azure? Classify Azure clouds with its advantages   10
    and disadvantages and its key components.
6   Define open source clouds. Give few examples of open source   10
    clouds. Briefly explain the components of Eucalyptus with proper
    diagram.
7   Describe open nebula with its features. With neat diagram explain its 10
    architecture.