Roll No. ....

6th Sem. / Computer

Subject : Distributed Computing

Time : 3 Hrs.   M.M. : 100

SECTION-A

Note: Very Short Answer type questions. Attempt any 15 parts.   (15x2=30)

Q.1
- a) Define virtual organization.
- b) Define hybrid cloud.
- c) PAAS ____
- d) Which service model is used for infrastructure.
- e) Give 2 applications of Grid Computing.
- f) What are peer to peer net works.
- g) What is deployment model.
- h) Community cloud is ____model.
- i) Define Service Models.
- j) What is SAAS.
- k) Public cloud model is cheaper than private cloud (T/F)
- l) Define cluster computing.
- m) Define ubiquitous computing.
- n) Define distributed computing.
- o) Give two examples of SAAS.
- p) What is utility computing.
- q) Define Grid Controlling
- r) What is cloud computing.

SECTION-B

Note: Short answer type questions. Attempt any ten parts   10x4=40

Q.2
- i) List various advantages of Utility Computing.
- ii) Differentiate between Cloud and Grid Computing.
- iii) What are various applications of Cloud Computing.
- iv) Define Cluster Computing. What are its applications.

v) How security can be improved in IT business using Cloud Computing.

vi) Explain working of Grid Computing with the help of diagram.

vii) Which deployment model can be used to provide high reliability. Explain

viii) Differentiate between Hybrid and Community Cloud.

ix) What are various challenges in the field of Cloud Computing

x) Explain ubiquitous computing with the help of example.

xi) What are Service Models. Explain ?

xii) Explain virtual organizations and its applications.

xiii) What are Public Cloud models. Explain

xiv) Explain SAAS model with the help of example

xv) List various limitations of Grid Computing.

SECTION-C

Note: Long answer type questions. Attempt any three questions.   3x10=30

Q.3   Explain various deployment model with help of diagram.

Q.4   What are various characteristics of Cloud Computing. How cloud computing has increase the business of IT companies.

Q.5   Enlist and explain various technologies in Distributed Computing.

Q.6   Write note on

  a)   Cluster Computing

  b)   Private Cloud

  c)   Ubiquitous Computing.

Q.7   What is Grid Computing. What are its advantages. Explain