

Total No. of Questions : 4]

SEAT No. :

PD142

[Total No. of Pages : 1

[64101-464

T.E. (Information Technology) (Insem)

CLOUD COMPUTING

(2019 Pattern) (Semester - II) (Elective - II) (314454(C))

Time : 1 Hour]

[Max. Marks : 30

Instructions to the candidates:

- 1) Answer Q1 or Q2, Q3 or Q4.
- 2) Neat diagrams must be drawn wherever necessary.
- 3) Figures to the right side indicate full marks.
- 4) Assume suitable data, if necessary.

- Q1)** a) Explain different deployment models of cloud? [6]
b) Differentiate between Infrastructure as a Service and Platform as a Service? [4]
c) What is cloud federation? What are the benefits of federated cloud? [5]

OR

- Q2)** a) What are the benefits of cloud computing? [8]
b) What is cloud computing? Explain in detail various challenges of cloud computing? [7]

- Q3)** a) Write a short note on "Multitenant Technology". [4]
b) Explain different types of virtualization with examples? [6]
c) Explain the concept of virtualization? Enlist the benefits of virtualization? [5]

OR

- Q4)** a) Explain the use Hypervisor in virtualization? What are different types of hypervisors? [8]
b) What are different cloud-enabling technologies? Explain the concept of Data Centre Technology? [7]

