IT7042 - Elective-I : Advance Computing Techniques

P. Pages : 2

Time : Three Hours

Max. Marks : 80

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Notes : 1. Same Answer book must be used for all questions.
2. All questions carry equal marks.
3. Due credit will be given to neatness and adequate dimensions.
4. Assume suitable data wherever necessary.
5. Illustrate your answers wherever necessary with the help of neat sketches.

1. a) Write a short note on cluster computing? **8**

b) What is advanced computing? What are the software system for advanced computing. **8**

OR

2. a) Write short notes on: **8**

   i) Parallel Computing

   ii) Cloud Computing

b) Write short notes on: **8**

   i) Mobile Computing

   ii) Quantum Computing

3. a) What is SAAS? What are the SAAS implementation issue? **8**

b) What is Virtual machine technology? Explain its application in enterprises. **8**

OR

4. a) What is multitenance in cloud computing? **8**

b) How the data are store and data security in cloud computing? Justify. **8**

5. a) What is grid computing? Draw the architecture of grid computing system and Explain it. **8**

b) Write short notes on: **8**

   i) Grid Portals First Generation.

   ii) Grid Portats Second Generation.

OR

6.	a)	Draw the architecture of grid monitoring system and explain it.	**8**
	b)	Explain grid scheduling with QOS. Write all benefits of grid computing.	**8**
7.	a)	What is Mobile Computing? Draw the architecture of mobile systems and discuss it.	**8**
	b)	Write short note on:	**8**

        i)   Heterogenicity

        ii)   Interoperability

OR

8.	a)	What is user interface design tissue? What are the difference between UI design and conventional systems?	**8**
	b)	Explain the following.	**8**

        i)   Symbian   ii)   JZHE

        iii) Pocket PC   iv) BREW

9.	a)	What is pervasive computing Infrastructure? Write its applications?	**8**
	b)	Explain Human Machine Interface Given any one Example.	**8**

OR

10.	a)	What are the operating System. Protocols and Security Used in Computer Network Justify?	**8**
	b)	Draw and explain pervasive web Application architecture.	**8**

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