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Reg. No.:	*										104	

Question Paper Code: 91406

B.E./B.Tech. DEGREE EXAMINATIONS, NOVEMBER/DECEMBER 2019 Sixth Semester

Computer Science and Engineering CS6601 – DISTRIBUTED SYSTEMS

(Common to : Information Technology) (Regulations 2013)

Time: Three Hours

Maximum: 100 Marks

Answer ALL questions

PART - A

 $(10\times2=20 \text{ Marks})$

- 1. List the challenges in the design of distributed systems.
- 2. Define pervasive networking.
- 3. What are the three important aspects of distributed systems that are modeled using fundamental models?
- 4. What is marshalling?
 - 5. State any four characteristics of peer to peer systems.
 - 6. What are the limitations of napster?
 - 7. Why does cascading aborts occur?
 - 8. What are the tasks of recovery manager?
 - 9. What is Load Sharing?
- 10. "Thread is a lightweight process". Justify with an example.

PART - B

(5×13=65 Marks)

11. a) Explain in detail about the trends in distributed systems.

(13)

(OR)

 b) Consider a World Wide Web (WWW) distributed application design. Describe the characteristics and challenges in the above design when considering resource sharing phenomenon.