

**B. TECH. (CBCS - 2014 COURSE) SEM - VIII (INF. TECH.) :  
SUMMER - 2018**

**SUBJECT : COMPONENT ENGINEERING**

Day : **Tuesday**  
Date : **05/06/2018**

**S-2018-4689**

Time : **02.30 PM TO 05.30 PM**  
Max. Marks : 60

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**N. B. :**

- 1) All questions are **COMPULSORY**.
  - 2) Figures to the right indicate **FULL** marks.
  - 3) Draw neat and labeled diagram **WHEREVER** necessary.
  - 4) Assume suitable data, if necessary.
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**Q. 1** Enlist and describe various features of object oriented programming. **(10)**

**OR**

**Q. 1** Differentiate between procedural oriented programming and object oriented programming. **(10)**

**Q. 2** Write short note on objects and software components. **(10)**

**OR**

**Q. 2** Explain fundamental properties of component technology. **(10)**

**Q. 3** Enlist and briefly describe the CORBA services. **(10)**

**OR**

**Q. 3** Describe CORBA object model. **(10)**

**Q. 4** Elaborate the evolution of distributed systems. **(10)**

**OR**

**Q. 4** Enlist and describe characteristics of distributed systems. **(10)**

**Q. 5** Explain COM services in detail. **(10)**

**OR**

**Q. 5** Explain in detail compound document and OLE. **(10)**

**Q. 6** Describe enterprise Java Beans architecture. **(10)**

**OR**

**Q. 6** Describe stateful and stateless session beans. **(10)**

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