

**M. Tech.-I (Information Technology) (CBCS – 2015 Course) :**  
**WINTER - 2018**  
**SUBJECT: SOFTWARE ARCHITECTURE**

Day : Monday  
Date : 03/12/2018

Time : 11.00 AM TO 02.00 PM  
Max Marks : 60

**W-2018-3116**

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**N.B.:**

- 1) All questions are **COMPULSORY**.
  - 2) Figures to the right indicate **FULL** marks.
  - 3) Assume suitable data, if necessary.
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- Q.1** Describe architecture of business cycle. (10)  
OR
- Q.1** Describe recent trends in software architecture. (10)
- Q.2** Describe selection of technology according to requirement. (10)  
OR
- Q.2** Explain important aspects during the design of SRS. (10)
- Q.3** Describe rules and regulations to select design patterns. (10)  
OR
- Q.3** List design patterns and explain any one in detail. (10)
- Q.4** Describe specifications and characteristics of middleware technologies. (10)  
OR
- Q.4** List recent advantages in middleware technologies and explain any one in detail. (10)
- Q.5** List client server technology and compare them according to applications. (10)  
OR
- Q.5** Explain Activex controls with suitable examples. (10)
- Q.6** Explain framework struts with suitable example (10)  
OR
- Q.6** Explain multi-tier architecture with advantages and disadvantages. (10)

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