

B.SC. (I. T.) SEM. - VI (2011 COURSE) : SUMMER - 2018
SUBJECT : UNDERSTANDING SOFTWARE ARCHITECTURE

Day : **Thursday**
Date : **17/05/2018**

Time : **10.00 am to 12.00 Noon**
Max. Marks : **40**

S-2018-0986

N. B. :

- 1) Attempt **Any FIVE** questions.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Draw neat diagram **WHEREVER** necessary.
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- Q.1** Performance and Security are the key quality attributes. Explain. (08)
- Q.2** What is Reference Architecture? Define Architectural Pattern and Reference models. (08)
- Q.3** What are the uses of software architecture documentation? (08)
- Q.4** Explain the concept of 'Modularity'. Explain, various types of dependencies between modules. (08)
- Q.5** Explain the goals of software architecture. (08)
- Q.6** Explain EJB'S component based architecture. (08)
- Q.7** Explain the concept of 'Service Oriented Architecture' in detail. (08)

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