

SUBJECT: SOFTWARE ARCHITECTURE & DESIGN

Day: Monday
Date: 19/11/2018

W-2018-1156

Time 10.00 am to 01.00 pm
Max. Marks: 60

N.B.:

- 1) Attempt any **SIX** full questions.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Draw neat and labelled diagrams **WHEREVER** necessary.
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- Q.1** Explain different categories of Design patterns by taking suitable examples. (10)
- Q.2** Explain the concept of service in detail. What is SOA? Enlist and explain various advantages of SOA. (10)
- Q.3** Justify Software Architecture documentation. Why is standardization required? What are the advantages of standardization? (10)
- Q.4** Explain 'Service Centric Architecture' and 'Data Centric Architecture' in detail. (10)
- Q.5** Explain the concept of EAI. What are different EAI communication technologies? (10)
- Q.6** Explain Quality Attributes Scenarios for Software Architecture in detail. (10)
- Q.7** Explain various responsibilities of software architect in detail. (10)
- Q.8** Explain any **TWO** of the following: (10)
- a) Software architecture Vs software design
 - b) Websphere
 - c) CORBA
 - d) RPC

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