

**M. TECH.-I (INFORMATION TECHNOLOGY) (CBCS – 2015
COURSE) : SUMMER - 2018
SUBJECT: SOFTWARE ARCHITECTURE**

Day : **Monday**
Date : **28/05/2018**

S-2018-2978

Time **11.00 AM TO 02.00 PM**
Max. Marks: 60

N.B.

- 1) All questions are **COMPULSORY**
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Answers to both the sections should be written in **SEPARATE** answer book.
 - 4) Assume suitable data if necessary.
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SECTION – I

Q.1 Discuss about the recent trends in Software Architecture. **(10)**

OR

Explain briefly about types of Architecture.

Q.2 What do you mean by dependency and compatibility in Software Architecture? **(10)**

OR

What are the issues in Software Architecture Design?

Q.3 Write notes on Adaptor and Proxy Design Patterns. **(10)**

OR

What are the rules and regulations of Design Pattern?

SECTION – II

Q.4 Draw and describe architecture of JAVA 2 Enterprise Edition. **(10)**

OR

What is XML and what are the advantages of using XML in Web application development?

Q.5 Differentiate N-Tier Architecture and 3-Tier Architecture. **(10)**

OR

What are the advantages of DHTML over HTML?

Q.6 Write notes on MVC and SOA. **(10)**

OR

Explain life cycle of a servlet.

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