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**MANIPAL INSTITUTE OF TECHNOLOGY**  
**MANIPAL**  
*(A constituent unit of MAHE, Manipal)*

**II SEMESTER M.TECH. (PRINTING AND MEDIA TECHNOLOGY)**

**END SEMESTER EXAMINATIONS, APRIL 2018**

**PE – III ELECTRONIC PUBLISHING TECHNOLOGY [PME 5236]**

**REVISED CREDIT SYSTEM**  
**(27/04/2018)**

Time: 3 Hours

MAX. MARKS: 50

**Instructions to Candidates:**

- ❖ Answer **ALL** the questions.
- ❖ Missing data may be suitable assumed.

- 1A.** Explain the economics of E-publishing.
- 1B.** Explain the components of document management system with benefits and challenges.
- 1C.** Explain the issues faced by stake holders in transactions, contracts and distribution phase of e-publishing.

**[ 02 + 04 + 04 ]**

- 2A.** With a neat flowchart, explain the transaction process of ecommerce.
- 2B.** "While e-publishing generates immense possibilities, it also creates gigantic problems from the copyright angle." Explain.
- 2C.** Explain DAM system functionality.

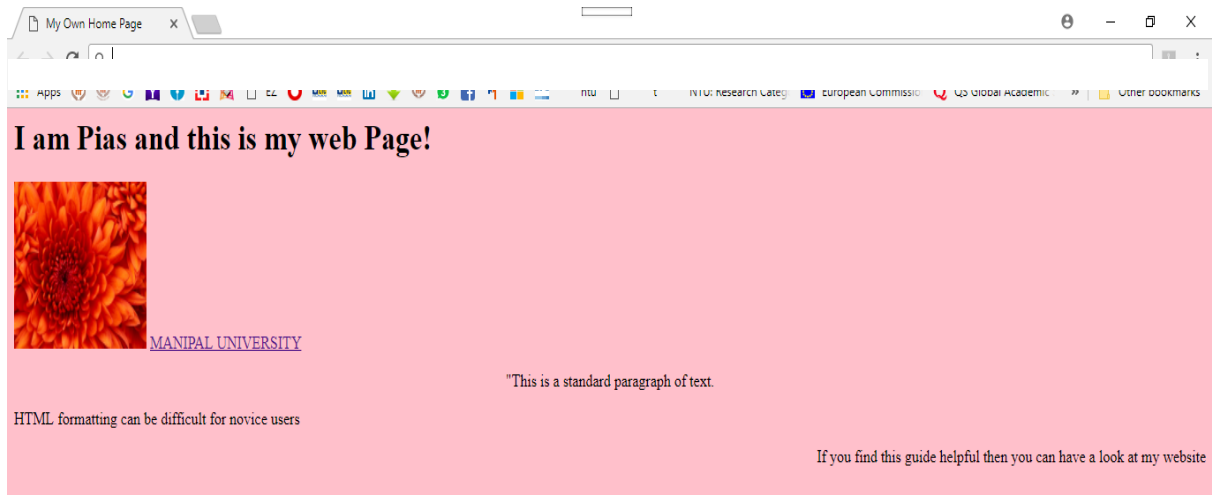
**[ 02 + 04 + 04 ]**

- 3A.** Explain credit card transaction process.
- 3B.** Explain the benefits of ecommerce to organizations, consumers and society.
- 3C.** Explain the following with illustrations:
  - a. Digital signature (bidirectional authentication)
  - b. Lamport one-time password

**[ 02 + 04 + 04 ]**

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- 4A.** Explain the new forms of boardcasting.
- 4B.** Explain the following process under information retrieval
- Text acquisition
  - Text transformation
- 4C.** Write HTML code for the following output:



**[ 02 + 04 + 04 ]**

- 5A.** Explain how PDF claims to be the de facto standard for E-publishing.
- 5B.** Explain the challenges faced by digital library system.
- 5C.** Explain the functional architecture of DRM at client side.

**[ 02 + 04 + 04 ]**