

**CERTIFICATE IN INFORMATION
TECHNOLOGY (CIT)**

Term-End Examination

01403

December, 2018

**CIT-003 : WEB BASED TECHNOLOGIES AND
MULTIMEDIA APPLICATIONS**

Time : 2 hours

Maximum Marks : 50

(Weightage : 75%)

Note : *There are two sections in this paper, Section A and Section B. All the questions from Section A are compulsory. Attempt any three questions from Section B.*

SECTION A

1. In the following objective type questions, each question has four choices. Select the correct choice as your answer, If none of the choices are correct, then select 0 (zero) as your answer. Each objective type question carries 1 mark. Indicate your answer in the answer sheet. $10 \times 1 = 10$

- (a) VPN stands for
- (i) Virtual Pin Network
 - (ii) Virtual Private Network
 - (iii) Very Public Network
 - (iv) Very Private Network

- (b) **PHP stands for**
- (i) **Hypertext Post Processor**
 - (ii) **Hypertext Preprocessor**
 - (iii) **Plain Hypertext Processor**
 - (iv) **None of the above**
- (c) **To find documents on the Internet which contain text "SOCIS" as well as "ICT", you need to use the following operators between the two words :**
- (i) **XOR**
 - (ii) **AND**
 - (iii) **NOT**
 - (iv) **None of the above**
- (d) **CSS stands for**
- (i) **Creative Style Sheets**
 - (ii) **Cascading Style Sheets**
 - (iii) **Combined Size Sheets**
 - (iv) **Combined Style Sheets**
- (e) **Wiki can be used to**
- (i) **Collaborate**
 - (ii) **Chat**
 - (iii) **e-mail**
 - (iv) **Browse**



- (f) Files with MPEG extension are
- (i) Audio files
 - (ii) Video files
 - (iii) Text files
 - (iv) None of the above
- (g) Any computer on the Internet can be identified by its unique
- (i) Name
 - (ii) Configuration
 - (iii) IP address
 - (iv) Monitor size
- (h) The following multimedia services can be provided to the users using communication technologies :
- (i) Digital audio
 - (ii) Video on demand
 - (iii) DTH
 - (iv) All of the above
- (i) To create logical division of a web page, you may use _____ tag.
- (i) <marquee>
 - (ii) <div>
 - (iii)

 - (iv)

(j) IPv6 addresses have a size of _____ bits.

(i) 8

(ii) 16

(iii) 32

(iv) 128

2. What is meant by GIF ? List the features of GIF construction set. 5

3. What is DNS in the context of Internet ? Explain the use of DNS in Internet with the help of an example. 5

SECTION B

4. (a) Explain the advantages of Blogging. 5
(b) What is Hypertext ? Explain any two applications of Hypertext . 5
5. (a) What is TCP/IP ? How is it useful for Internet ? 5
(b) How can you edit an existing website ? 5
6. (a) Explain any five advantages or disadvantages of using frames. 5
(b) Explain any two error messages from a Browser. 5
7. (a) What is a Search Engine ? How does it work ? 5
(b) Explain the impact of multimedia on the publishing industry. 5
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