

FINAL
Examination Paper

(COVER PAGE)

Session : April 2016

Programme : Diploma In Information And Communication Technology (DICTN)

Course : **ICT1102: Introduction To Internet Technologies**

Date of Examination : 28 July, 2016 (Thursday)

Time : 2:00pm – 4:00pm Reading Time : Nil

Duration : 2 Hours

Special Instructions :

Answer any **FOUR (4)** questions in the answer booklet provided.

Materials permitted : Nil

Materials-provided : Nil

Examiner(s) : **Melisa Kaur Narjan Singh** and Kavitha Thamadharan

Moderator : Victor Raj Kolintiar

This paper consists of 4 printed pages, including the cover page

DIPLOMA IN INFORMATION AND COMMUNICATION TECHNOLOGY (DICTN)
ICT1102: INTRODUCTION TO INTERNET TECHNOLOGIES
FINAL EXAMINATION: APRIL 2016 SESSION

Instruction: This paper consists of **SIX (6)** questions. Answer any **FOUR (4)** questions in the answer booklet provided. All questions carry equal marks.

Question 1

- (a) (i) The Internet has profoundly changed nearly every aspect of life. Explain the term Internet. (2 marks)
- (ii) Give **THREE (3)** uses of the Internet. (3 marks)
- (b) Explain any **FIVE (5)** ways to connect to Internet. (10 marks)
- (c) Users who connect to the Internet to access information and services are **online**.
- (i) List any **FIVE (5)** people who use the Internet. (5 marks)
- (ii) For each of the people listed above, explain **ONE (1)** Internet activity conducted. (5 marks)

Question 2

- (a) List **FIVE (5)** common characteristics of a Web site. (5 marks)
- (b) With the use of suitable examples, determine and briefly explain **FOUR (4)** commonly used Top-level Domains (TLDs) for an Internet address. (12 marks)
- (c) Discuss **TWO (2)** advantages and **TWO (2)** disadvantages of using Web-based e-mail. (8 marks)

Question 3

- (a) Search tools are important for people to find specific information on the Web. List and explain **FIVE (5)** web search process. (10 marks)
- (b) Differentiate between the use of search engines and directories as search tools. (8 marks)
- (c) List **SEVEN (7)** entities that might be collecting and using your private information when using the web. (7 marks)

Question 4

- (a) List any **FIVE (5)** types of specialized search. (5 marks)
- (b) Explain the following components of the electronic mail system.
(i) E-mail client
(ii) Mail server
(iii) E-mail address
(iv) Protocols (12 marks)
- (c) Discuss **TWO (2)** common problems related to the use of e-mail service. (8 marks)

Question 5

- (a) Determine and briefly explain **FOUR (4)** characteristics of News-oriented Web sites. (8 marks)
- (b) More and more internet users now do some or all of their banking online. Give **FIVE (5)** features of what online banking allows you to do. (10 marks)
- (c) (i) Users can download and upload files located on a remote computer, called an FTP website. Explain **TWO (2)** File Transfer Protocol sites. (4 marks)
- (ii) Online Games attract a wide group of participants around the world. List **THREE (3)** types of online games. (3 marks)

Question 6

- (a) Explain the electronic business (e-business) applications:
- (i) Online auctions
 - (ii) Online stores
 - (iii) Payment gateways
- (9 marks)
- (b) Explain any **THREE (3)** advantages of e-business.
- (6 marks)
- (c) (i) There are many entities that might be collecting and using your private information on the Internet. Explain cookies, spyware and adware.
- (6 marks)
- (ii) Describe the differences between web site and web page.
- (4 marks)

~ The End ~
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