



FINAL
Examination Paper
(COVER PAGE)

Session : APRIL 2017

Programme : Diploma In Information And Communication Technology (DICTN)

Course : ICT1102: Introduction To Internet Technologies

Date of Examination : 03 August, 2017 (Thursday)

Time : 5:00pm – 7:00pm Reading Time : Nil

Duration : 2 Hours

Special Instructions :

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

Materials permitted : Nil

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

Moderator : Victor Raj Kolintiar

This paper consists of 6 printed pages, including the cover page

DIPLOMA IN INFORMATION AND COMMUNICATION TECHNOLOGY (DICTN)
ICT1102: INTRODUCTION TO INTERNET TECHNOLOGY
FINAL EXAMINATIONS: APRIL 2017 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) Explain the following terms:
- i. Web page
 - ii. Web site
 - iii. Web server
 - iv. Web browser
- (8 marks)
- (b) What are the criteria we need to consider when choosing an Internet Service Provider?
- (6 marks)
- (c) There are many ways to connect to the Internet. Explain in detail the following connection method:
- i. Dial-up
 - ii. Digital Subscriber Line (DSL)
 - iii. Cable
- (9 marks)
- (d) Briefly explain the following terms:
- i. Hotspot
 - ii. Wireless Access Point
- (2 marks)

Question 2

- (a) Explain the following terms:
- i. Network Service Provider
 - ii. Internet Exchange Point
 - iii. Domain Name System

(6 marks)

- (b) Fill in the following table.

Type of Physical Transmission Media	Description
(i)	Used for high-speed long distance transmission.
Coaxial cable	(ii)
(iii)	Commonly used as a LAN transmission medium because it is easy to install and can handle faster transmission speeds.

(6 marks)

- (c) Hardware connectivity devices connect nodes on the same network, network segments, or multiple networks. Explain any **FOUR (4)** types of devices that is used for connectivity.

(10 marks)

- (d) Provide the full acronym for the following abbreviations:

- i. LAN
- ii. WAN
- iii. MAN

(3 marks)

Question 3

- (a) List **FIVE (5)** benefits of using email.

(5 marks)

- (b) What is an email client? Give **FOUR (4)** examples of email client.

(6 marks)

- (c) Explain **FOUR (4)** features that can be found in an email client.
(8 marks)
- (d) Email is one of the most popular online communication tools used by individuals and businesses. Explain any **THREE (3)** basic e-mail etiquettes that is best practiced.
(6 marks)

Question 4

- (a) What are the differences of the following terms? Provide an example for each.
i. Vertical Portal
ii. Hyperlocal Portal
iii. Industry Portal
(9 marks)
- (b) Explain the following terms. Provide an example each.
i. Wikis
ii. Online Chat
iii. Microblogging
iv. Virtual meeting
(12 marks)
- (c) List any **FOUR (4)** activities that Internet users do while banking online.
(4 marks)

Question 5

- (a) Briefly explain the advance search techniques using Boolean operators as below.
i. AND
ii. OR
(2 marks)
- (b) List out the **SEVEN (7)** types of information collected by Web crawler.
(7 marks)

(c) A business model is the way a company operates to generate revenues, create profits, and continue as a viable business entity. Explain the **FIVE (5)** e-business models.

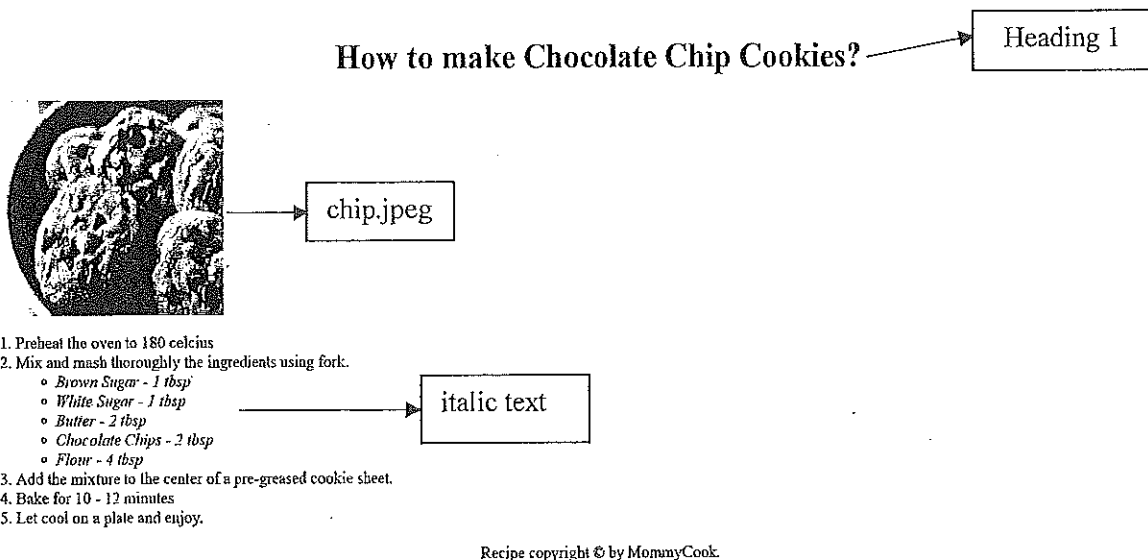
(10 marks)

(d) Explain any **THREE (3)** advantages of e-business.

(6 Marks)

Question 6

(a) Write the **COMPLETE HTML** codes to produce the page as shown in Figure 1.



(15 marks)

(b) Jane has written the following section of HTML codes, and she had tried to run these codes using a browser. She found out that her codes had some errors. **IDENTIFY** the errors and **CORRECT** them accordingly.

```
<body style = "background-color : blue ; background-image:
paper.gif; text align : right ; font-type : Times New Roman;>
```

(6 marks)

- (c) Create a hyperlink with the link text as “contact us” that will link to an email account “askme@movies.my”.

(4 marks)

~ The End ~

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