



FINAL  
Examination Paper

(COVER PAGE)

Session : August 2016

Programme : Diploma In Information And Communication Technology (DICTN)

Course : ICT1102: Introduction To Internet Technologies

Date of Examination : 03 December, 2016 (Saturday)

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

Materials provided : Nil

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

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 TECHNOLOGIES  
FINAL EXAMINATION: AUGUST 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) The Internet has revolutionized the computer and communications world like nothing before.
- (i) Define the term Internet. (2 marks)
  - (ii) List any **FIVE (5)** ways to connect to Internet. (5 marks)
- (b) List and explain any **FIVE (5)** Internet online communication methods. (10 marks)
- (c) Explain the following terms:
- (i) World Wide Web
  - (ii) Web site
  - (iii) Web server
  - (iv) Web browser (8 marks)

**(Total: 25 marks)**

**Question 2**

- (a) List **FIVE (5)** common characteristics of a Web site. (5 marks)
- (b) List and describe **SIX (6)** methods to reduce network security risks. (12 marks)
- (c) Discuss **TWO (2)** advantages and **TWO (2)** disadvantages of using Web-based e-mail. (8 marks)

**(Total: 25 marks)**

**Question 3**

- (a) Internet is the largest computer network in the world. Many networking applications today such as information retrieval, shopping, entertainment and e-mail takes place via the Internet and there are threats and risks involved.
- (i) List and explain **THREE (3)** computer threats or risks that can take place when we use the Internet. (6 marks)
  - (ii) List and explain any **TWO (2)** ways to protect yourself from computer threats or risks while surfing Internet. (4 marks)
- (b) List and explain the **FIVE (5)** web search process. (10 marks)
- (c) List the **FIVE (5)** areas of credibility that are evaluated in a web page. (5 marks)
- (Total: 25 marks)**

**Question 4**

- (a) 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)
- (b) List and explain the **FOUR (4)** steps in sending and receiving an e-mail message. (8 marks)
- (c) Social media is a phrase that we throw around a lot these days, often to describe what we post on online sites.
- i. Explain the definition social media. (3 marks)
  - ii. Explain any **FOUR (4)** social networking communication tools. (8 marks)
- (Total: 25 marks)**

**Question 5**

(a) Explain the following term and provide an example for each:

- (i) Consumer Portal
- (ii) Horizontal Portal
- (iii) Vertical Portal

(9 marks)

(b) Explain the following components of the electronic mail system.

- i) E-mail client
- ii) Mail server
- iii) E-mail address

(9 marks)

(c) List any **SEVEN (7)** types of online games.

(7 marks)

**(Total: 25 marks)**

Question 6

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

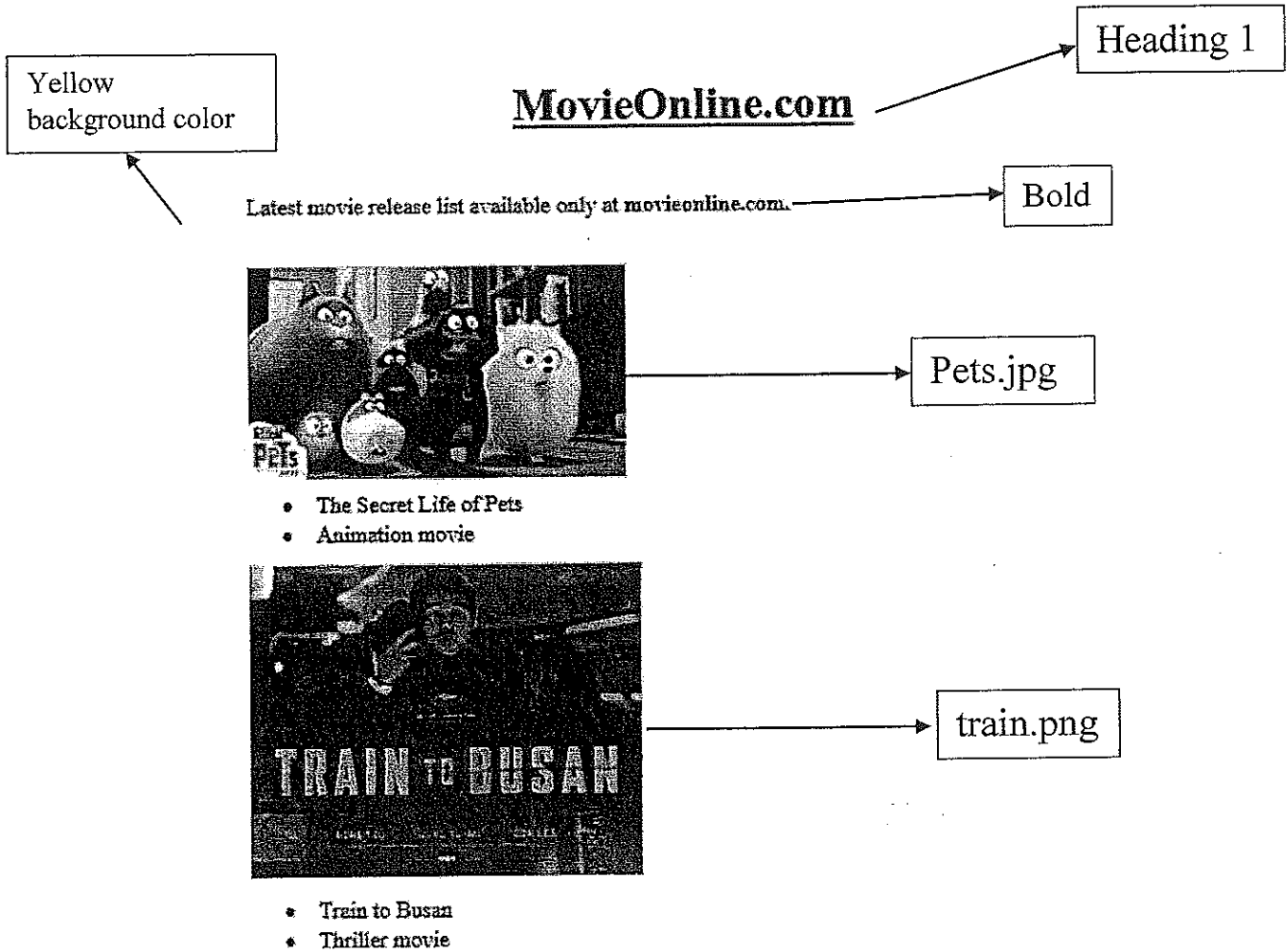


Figure 1

(15 marks)

- (b) Celine 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-colour : red ; background-image :  
image.gif ; margin right : auto ; font-style : italic">
```

(6 marks)

- (c) Create a hyperlink with the link text as "mail master" that will link to an email account "contactus@disney.my".

(4 marks)

**(Total: 25 marks)**