



FINAL  
Examination Paper

(COVER PAGE)

Session : AUGUST 2017

Programme : Diploma In Information And Communication Technology (DICTN)

Course : ICT1102: Introduction To Internet Technologies

Date of Examination : 9 December, 2017 (Saturday)

Time : 11:00 am – 1:00 am Reading Time : Nil

Duration : 2 Hours

Special Instructions :

**Section A: Answer all the questions in OMR sheet.**

**Section B: Answer any THREE out of FOUR questions.**

Materials permitted : Nil

Materials provided : OMR

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Moderator : Victor Raj Kolintiar

*This paper consists of 8 printed pages, including the cover page*

DIPLOMA IN INFORMATION AND COMMUNICATION TECHNOLOGY PROGRAMME  
(DICTN)  
ICT1102: INTRODUCTION TO INTERNET TECHNOLOGIES  
FINAL EXAMINATION: AUGUST 2017 SESSION

**Section A:** Answer all the questions in OMR sheet.

1. A \_\_\_\_ is a computer that has a direct connection to the Internet.
  - A. host
  - B. blog
  - C. protocol
  - D. link
  
2. When an Internet user connects to the Internet to access information and services, the user is considered to be \_\_\_\_.
  - A. connected
  - B. online
  - C. busy
  - D. offline
  
3. A standard or set of rules that computer network devices follow when transmitting and receiving data is called a \_\_\_\_.
  - A. repeater
  - B. host
  - C. server
  - D. protocol
  
4. Text or pictures in a webpage that can be used to view a different location in the same page or a different page are known as \_\_\_\_.
  - A. protocols
  - B. hosts
  - C. blogs
  - D. hyperlinks

5. A \_\_\_\_\_ includes standard information automatically inserted at the end of email messages.
- A. digital file
  - B. user file
  - C. signature file
  - D. address file
6. \_\_\_\_\_ is a video chat using services such as Google Hangouts or FaceTime.
- A. Virtual Conversation
  - B. Web Conferencing
  - C. Virtual Meeting
  - D. Online Chat
7. You are the assistant to the director of a local charity that supports neighborhood clinics for underprivileged children. The director asks you to think of ways she can use the Internet to improve communications with the charity's donors and with clinic managers.
- Which of the following online communication methods would you recommend the director use to solicit contributions from donors who may not be online at the same time that she is online?
- A. email
  - B. chat
  - C. instant messaging
  - D. microblogging
8. Which of the following online communication methods would you NOT recommend the director use to communicate with clinic managers about upcoming fund-raising programs if the director does not want all of the users to see what the other users type?
- A. email
  - B. chat
  - C. newsgroup posting
  - D. blog
9. An example of a general-interest portal is \_\_\_\_\_.
- A. Golf.com
  - B. Cengage.com
  - C. MSN
  - D. Creativity Portal

10. \_\_\_\_\_ allow you to access web content or take some action based on selected webpage text.
- A. Extensions
  - B. Browser sniffers
  - C. Cookies
  - D. Address bars
11. When evaluating search tools, avoid tools that \_\_\_\_\_.
- A. provide access to frequently updated large indexes of webpages and other web-based files
  - B. return search results quickly
  - C. do not clearly indicate paid or sponsored links in their search results list
  - D. present the most relevant search results for a keyword search
12. A (n) \_\_\_\_\_ search typically generates thousands of hits and requires a review of multiple webpages to gather appropriate information.
- A. stop word
  - B. open-ended
  - C. full-text
  - D. targeted
13. When searching for information, such as an email address or telephone number, it is more efficient to use a specialized directory, such as an online white pages directory or \_\_\_\_\_ directory.
- A. stop word
  - B. primary source
  - C. search query
  - D. yellow pages
14. A (n) \_\_\_\_\_ mail server provides mail management functions on the server rather than in the email client.
- A. IMAP
  - B. POP
  - C. SMTP
  - D. HTTP

15. Attempts to collect personally identifiable information, credit card numbers, bank account numbers, and so forth is called \_\_\_\_.
- A. trolling
  - B. phishing
  - C. scooping
  - D. marking
16. Each \_\_\_\_ server, also called a news server, acts as a host to a number of newsgroups.
- A. IMAP
  - B. HTML-formatted
  - C. Usenet
  - D. SMTP
17. A bank that offers online banking in addition to services offered at physical banks is called a \_\_\_\_.
- A. brick-and-click bank
  - B. brick-and-mortar bank
  - C. brick-and-drive bank
  - D. brick-and-check bank
18. Software that you can download and try out, but are expected to pay for if you decide to use it on a permanent basis is called \_\_\_\_.
- A. freeware
  - B. market-space
  - C. shareware
  - D. user-generated

19. A family member spends a lot of time sending, receiving, and reading personal email messages while at work. You suggest that she \_\_\_\_\_.
- A. is exposing her company to viruses and other security breaches
  - B. is very clever to get her personal email taken care of at work
  - C. should also capitalize on her company's high-speed Internet access to get most of her shopping done at work
  - D. ask her supervisor to approve overtime so that she can get her tasks done; there just isn't enough time in the workday
20. The following are the advantages of an online stores, except:
- A. Not renting a storefront
  - B. Not creating in-store displays
  - C. Not needing to work
  - D. Not having to decide what hours to run the business

**Section B:** Answer any **THREE** out of **FOUR** questions.

**Question 1**

- (a) The Internet is an interconnected network of networks where each host has a number of other computers connected to it. List and explain any **FIVE (5)** types of users who uses the Internet and their purpose. (10 marks)
- (b) Multimedia refers to any application that combines text with graphics, animation, audio, video and virtual reality. Explain the following terms:
- (i) Graphics
  - (ii) Animation
  - (iii) Audio
  - (iv) Video
  - (v) Virtual Reality
- (10 marks)

**Question 2**

- (a) The search process consists of five important steps, which the first step is to choose the best search tool. Explain any **FIVE (5)** criteria to choose the best search tool. (10 marks)
- (b) Explain the **FIVE (5)** benefits of using e-mail. (10 marks)

**Question 3**

- (a) Explain the **FIVE (5)** characteristics of news-oriented web sites. (10 marks)
- (b) 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)** types of e-business model. (10 marks)

**Question 4**

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

(15 marks)

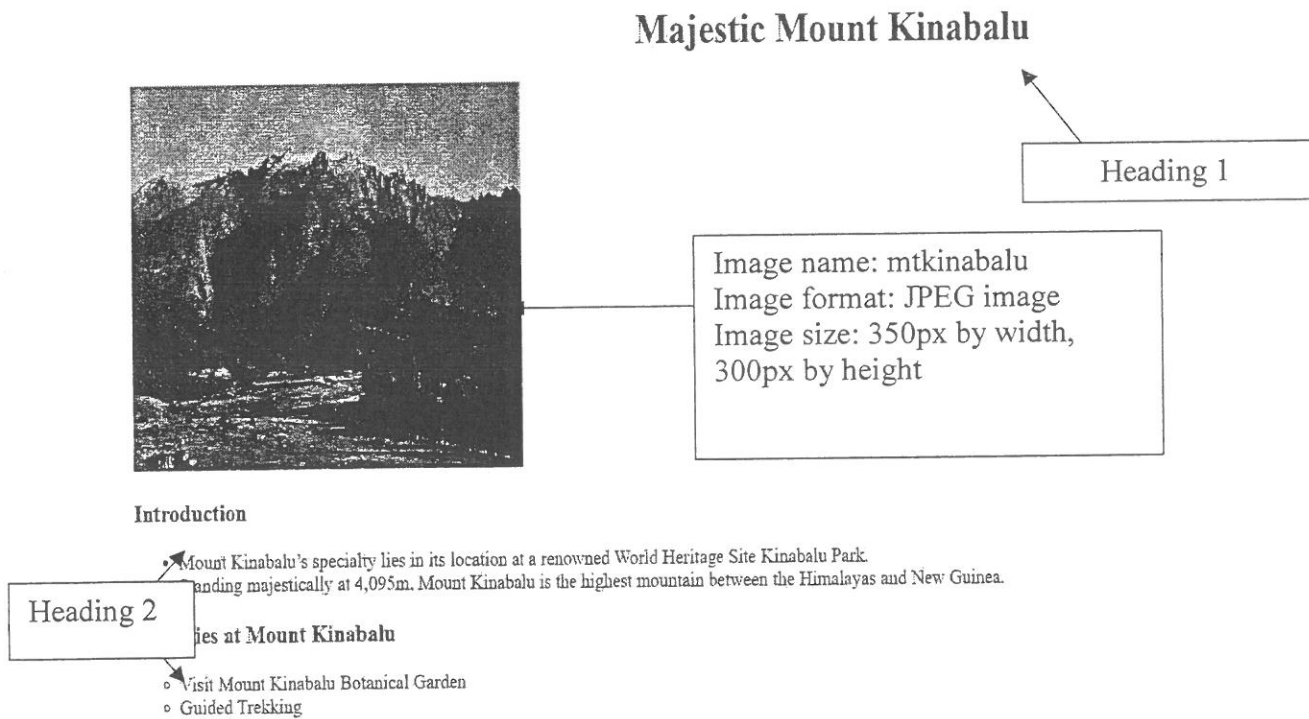


Figure 1

(b) Alice 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.

(5 marks)

```
<table border = "1"
<th style = background-color:yellow>
<td>Food</td>
<td>Drink</td>
</tr>
<tr>
<td>Fried Rice</td>
<td>Ice Lemon Tea</td>
</tr>
```

~The End~