مركز تنمية العلوم واللّغات

Centre for the Promotion of Knowledge and Languages
Semester I, 2020/2021 Academic Session

FINAL EXAMINATION QUESTION PAPER

Course Code : PG 1106

Course Name : INFORMATION AND COMMUNICATION TECHNOLOGY

Course Level : Bachelor of Halal Science
Bachelor of Laws (LLB) and Bachelor of Shariah Law (BSL)
Bachelor of Islamic Economics
Bachelor of Business Management
Bachelor of Science in Islamic Finance
Bachelor of Tahfiz and Qira'at
Bachelor of Usuluddin
Bachelor of Shariah (Fiqh and Usul)
Bachelor of Shariah (Fiqh and Judiciary)
Bachelor of Development Management
Bachelor of Arabic Language and Translation

Time allowed
3 Hours

Instructions
- Answer **ALL** Questions on **Section A**, Section B and **Section C**
- Answer **TWO** Questions on **Section D**
- You must answer the questions on the ANSWER SHEETS provided

Information
- The maximum mark for this paper is 100.

Section A: Fill in the Blanks (20 Marks)

Answer the questions on the answer sheet provided

1) Today's data transmission speeds are measured in _____ , Kbps, _____ , and _____ .

2) A(n) _____ _____ connects a personal computer to a cable TV system that offers an Internet connection.

3) A space station that transmits data as microwaves is a(n) _____ .

4) A company that connects you through your communications connection to its server, which connects you to the Internet, is a(n) _____ .

5) A rectangular area on the computer screen that contains a document or displays an activity is called a(n) _____ .

6) _____ is writing an online message that uses derogatory, obscene, or inappropriate language.

7) Browsing for products in stores but buying them from an online rival and frequently at a lower price is called _____ .

8) A(n) _____ is software that enables users to view web pages and to jump from one page to another.

9) A computer with a domain name is called a(n) _____ .

10) A(n) _____ comprises the communications rules that allow browsers to connect with web servers.

11) The _____ refers to the part of the Internet that presents information in multimedia form.

12) "_____ technology" merges computing with high speed communications.

13) A(n) _____ is an electronic machine that accepts data and processes it into information.

14) The _____ is a worldwide network that connects hundreds of thousands of smaller networks.

15) _____ refers to information presented in non-textual forms such as video, sound, and graphics.

16) _____ are high capacity computers with thousands of processors.

17) Embedded computers, or _____, are installed in "smart" appliances and automobiles.

18) The kind of software that enables users to perform specific tasks is called _____ software.

19) _____ is data that is so large and complex that it cannot be processed using conventional methods.

20) A(n) _____ is a communications system connecting two or more computers.

Section B: Multiple Choice Questions (20 Marks)
Answer (A, B, C, D) on the answer sheet provided

1) A location on the Internet is called a
   a.   network
   b.   user ID
   c.   domain
   d.   browser

2) In the email address Kim_Lee@earthlink.net.us, Kim_Lee is the _____
   a.   domain
   b.   URL
   c.   site
   d.   user ID

3) Which of the following is not one of the four components of a URL?
   a.   web protocol
   b.   name of the web server
   c.   name of the browser
   d.   name of the directory on the web server

4) Which of the following is the fastest method of data transmission?
   a.   ISDN
   b.   DSL
   c.   T1 line
   d.   cable modem

5) Which of the following is not a netiquette rule?
   a. Consult FAQs
   b. "Flame only when necessary
   c. Don't shout
   d. Avoid huge file attachments
   e. Avoid sloppiness and errors

6) Which protocol is used to retrieve email messages from the server to your computer?
   a. HTTP (Hypertext Transfer Protocol)
   b. SMTP (Simple Mail Transfer Protocol)
   c. POP3 (Post Office Protocol version 3)

7) Who owns the Internet?
   a. Microsoft
   b. IBM
   c. U.S. government
   d. No one owns the Internet; the components that make up the Internet are owned and shared by thousands of public and private entities

8) Each time you connect to your ISP, it will assign your computer a new address called a(n)_____
   a. domain
   b. IP address
   c. plugin
   d. URL (Universal Resource Locator)

9) ISPs that don't run their own backbones connect to an Internet backbone through a(n) _____
   a. Internet Exchange Point
   b. web portal
   c. web browser
   d. URL

10) Which of the following is not a protocol?
   a. TCP/IP
   b. IE
   c. HTTP
   d. SMTP

11) The sending of phony email that pretends to be from a credit card company or bank, luring you to a website that attempts to obtain confidential information from you, is called
   a. spoofing
   b. phishing
   c. spamming
   d. cookies

12) Which of the following devices converts computer output into displayed images?
   a. printer
   b. monitor
   c. modem
   d. processor

13) Which of the following computer types is the smallest?
   a. mainframe
   b. microcomputer
   c. microcontroller
   d. supercomputer

14) Which of the following is a secondary storage device?
   a. processor
   b. main memory chip
   c. hard disk drive
   d. modem

15) Since the days when computers were first made available, computers have developed in three directions. What are they?

   a. miniaturization
   b. increased size
   c. affordability
   d. increased speed

16) Which of the following operations constitute the four basic operations followed by all computers?
   a. input
   b. storage
   c. output
   d. processing

17) Supercomputers are used for
  a.   breaking codes
  b.   simulations for explosions of nuclear bombs
  c.   forecasting weather
  d.   a, b, and c

18) What is the leading use of computers?
  a.   web surfing
  b.   email, texting, and social networking
  c.   eshopping
  d.   word processing

19) Which is the main circuit board in the computer?
  a.   RAM chip (random access memory)
  b.   CPU processor chip (central processing unit)
  c.   motherboard (system board)
  d.   hard drive

20) Kbps means how many bits per second?
  a.   1 billion
  b.   1 thousand
  c.   1 million
  d.   1 hundred

Section C: True or False Questions (10 Marks)
Answer (TRUE or FALSE) on the answer sheet provided

1) A T1 line is the slowest but cheapest form of Internet connection.

2) A dynamic IP address gives you faster Internet access than a static IP address does.

3) A bookmark lets you return to a favourite website quickly.

4) A server is also called a host computer.

5) Radio buttons are used for listening to radio stations on the Internet.

6) POP3 is used for sending email, and SMTP is used for retrieving email.

7) A dial-up modem is an ISP (Internet service provider).