



**UNIVERSITI TUN HUSSEIN ONN
MALAYSIA**

**FINAL EXAMINATION
SEMESTER II
SESSION 2009/2010**

SUBJECT NAME : COMPUTER APPLICATION IN
BUSINESS

SUBJECT CODE : BPB 1192/ BPB1012

COURSE : 1BPB

EXAMINATION DATE : APRIL / MAY 2010

DURATION : 2 HOURS

INSTRUCTION : PART A
PART B
PART C
PART D
ANSWER ALL QUESTIONS

THIS QUESTION PAPER CONSISTS OF 8 PAGES

PART A (10 marks)

- Q1 A _____ is a high-speed network that connects networks in an area such as a city or town and handles the bulk of communications activity across that region.
- A. local area network (LAN)
 - B. metropolitan area network (MAN)
 - C. wide area network (WAN)
 - D. variable area network (VAN)
- Q2 _____ has been adopted as a network standard for Internet communications.
- A. Ethernet
 - B. token ring
 - C. TCP/IP
 - D. 802.11
- Q3 One popular use of the _____ network standard is in hot spots that offer mobile users the ability to connect to the Internet with their wireless computers and devices.
- A. Ethernet
 - B. token ring
 - C. TCP/IP
 - D. Wi-Fi
- Q4 Communications software consists of programs that _____.
- A. help users establish a connection to another computer or network
 - B. manage the transmission of data, instructions, and information
 - C. provide an interface for users to communicate with one another
 - D. All of the above

- Q5 A _____ is a malicious-logic program that hides within or looks like a legitimate program and usually is triggered by a certain condition or action.
- A. computer virus
 - B. worm
 - C. Trojan horse
 - D. All of the above
- Q6 To _____ a program file, antivirus program records information such as the file size and file creation date in a separate file.
- A. quarantine
 - B. decrypt
 - C. blackout
 - D. inoculate
- Q7 A number of major worldwide software companies formed the _____ to promote a better understanding of software piracy problems and, if necessary, to take legal action.
- A. Computer Emergency Response Team (CERT)
 - B. Business Software Alliance (BSA)
 - C. Underwriters Laboratory (UL)
 - D. Virtual Private Network (VPN)
- Q8 In its simplest form, a (n) _____ is a programmed formula that the recipient of encrypted data uses to decrypt the cipher text.
- A. encryption key
 - B. virus signature
 - C. digital certificate
 - D. session cookie

- Q9 When compared to LCD monitors, plasma monitors offer _____ expensive.
- A. smaller screen sizes and lower display quality and are less
 - B. smaller screen sizes and lower display quality but are more
 - C. larger screen sizes and higher display quality but are more
 - D. larger screen sizes and higher display quality and are less
- Q10 With a _____, users interact with menus and visual images such as icons, buttons, and other objects to issue commands.
- A. command-line interface
 - B. menu-driven interface
 - C. performance-monitor interface
 - D. graphical user interface (GUI)

PART B (10 marks)

State whether each of the following is **true** or **false**.

- Q11 Picture messaging is also called SMS.
- Q12 A P2P network sometimes is called a file sharing network because users with compatible software and an Internet connection copy files from someone else's hard disk to their hard disk.
- Q13 With TCP/IP, each packet contains data as well as the recipient (destination), origin (sender), and the sequence information used to reassemble the data at the destination.
- Q14 Users connected to a network have access to software on the network.
- Q15 Hardware theft is the act of stealing computer equipment.
- Q16 Many organizations and businesses have strict written policies governing the installation and use of software and enforce their rules by checking networked or online computers periodically to ensure that all software is licensed properly.
- Q17 Hardware vandalism is the act of defacing or destroying computer equipment.
- Q18 Digital signatures help to prevent e-mail forgery.
- Q19 A hard copy is either in portrait or landscape orientation.
- Q20 A cold boot is the process of using the operating system to restart a computer.

PART C (60 marks)

- Q21 (a) Communication is a process of transferring information from one entity to another. It is a process whereby information is enclosed in a package and is channeled and imparted by a sender to a receiver via some medium.

Explain briefly **THREE (3)** types of communications devices.

(6 marks)

- (b) Define the terms below;

- (i) Local Area Network (LAN)
- (ii) Client/Server Network
- (iii) Ring Network

(6 marks)

- (c) State;

- (i) TCP/IP
- (ii) 802.11 (Wi-Fi)

(3 marks)

- Q22 (a) Differentiate the software theft, hardware theft and hardware vandalism.

(5 marks)

- (b) Explain how Web browsers provide secure data transmission with the internet communication.

(4 marks)

- (c) List **SIX (6)** ways to safeguard personal information.

(3 marks)

- (d) State **THREE (3)** types of devices available that protect computers from system failure.

(3 marks)

- Q23 (a) Differentiate between discrete media and continuous media. (4 marks)
- (b) List **SIX (6)** fields where the multimedia has been implemented. (3 marks)
- (c) Multimedia is known to be an effective tool for education and entertainment. It is used that many education sectors large or small want to use it for a variety of reasons.
- Explain **FOUR (4)** areas where multimedia is applied in educations. (8 marks)
- Q24 (a) Describe the function of **FIVE (5)** types of operating system utility programs. (10 marks)
- (b) State;
- (i) System software
 - (ii) Device driver
- (3 marks)
- (c) List **FOUR (4)** functions of operating system. (2 marks)

PART D (20 marks)

Q25 Biometrics comprise of methods for uniquely recognizing humans based upon one or more intrinsic physical or behavioral traits.

Describe **FIVE (5)** types of biometric technology which is available in the market nowadays.

(10 marks)

Q26 Biometric is considered one of the best identification as well as verification process. However, there are certain issues and concerns related to this industry.

Discuss your opinion regarding these issues by giving examples.

(a) Issues related with user's right to privacy concerning with personal details.

(5 marks)

(b) Issues and concern with implementation and the acceptance of biometrics.

(5 marks)

END OF QUESTION PAPER