

KARACHI UNIVERSITY BUSINESS SCHOOL
University of Karachi
FINAL EXAMINATION DECEMBER 2010: AFFILIATED COLLEGES
INFORMATION TECHNOLOGY IN BUSINESS BA (H) – 342
BS – II

Date: December 26, 2010

Max Time: 3 Hrs

Note: Attempt any five questions, all carry equal marks

Max Marks: 60

- Q-1 Give reasons, why Multimedia technology is said to be a collection of technologies. Explain the role of multimedia in to-days business?
- Q-2 Illustrate and enlist major distinctive features and limitations of LAN, MAN and WAN networks.
- Q-3 Describe the functions carried out by Database Management System (DBMS). Also explain how does data integrity is maintained by DBMS.
- Q-4 Demonstrate how Internet works, enlist the major features of Internet. How we can block e-mails by an annoying person?
- Q-5 What is Client Server Computing? State its benefits and drawbacks.
- Q-6 Write down the functionality of the following computer related terminologies:
- | | |
|--------------------------|--------------------|
| a) Telnet | b) Bandwidth |
| c) Internet Protocol(IP) | d) Data Dictionary |
- Q-7 Distinguish the key points between the following with suitable examples
- | | |
|-----------------------------|--|
| a) MPEG and JPEG | |
| b) Portal and Web site | |
| c) Excel and Word Processor | |

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KARACHI UNIVERSITY BUSINESS SCHOOL
University of Karachi
FINAL EXAMINATION, JUNE 2010; AFFILIATED COLLEGES
INFORMATION TECHNOLOGY IN BUSINESS: BA (H) – 342
BS – II

**BS Four Years
Program**

Date: June 18, 2010

Max Time: 2.5 Hrs

Max Marks: 30

Note: Attempt any five questions from the following. All questions carry equal marks.

- Q1. Differentiate between information technology and computer system? Describe each component of computer system?
- Q2. Define Operating System and Open Source Operating System? List down the name of different operating system? Enlist the features of each operating system platform?
- Q3. What are the impacts of multimedia in today business? Enlist the types of graphics files and softwares that are being used?
- Q4. Write down about network topologies with their pros & cons?
- Q5. Name and describe the technologies and trends that have shaped contemporary data communication?
- Q6.

	A	B	C	D	E	F	G	H	I
Name	Quiz 1	Quiz 2	Quiz 3	Quiz 4	Total				
Brent	22	22	19	21					
Dusalt	23	21	25	22					
Gillick	17	18	19	18					
McGill	18	24	20	22					
Vedder	25	24	25	25					
Avg:									

Write down the syntax/formula of the following

- i) Sum (horizontally)
- ii) Count (horizontally)
- iii) Avg (vertically)
- iv) Max (horizontally & vertically)
- v) Sumif (vertically)
- vi) Countif (vertically)
- vii) Calculate percentage for individual in Column G.

Q7. Write short notes on (any two)

- i) Image processing
- ii) Office automation
- iii) Database Management System
- iv) Usage/implementation of computer in businesses.

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FINAL EXAMINATION, DECEMBER 2009; AFFILIATED COLLEGES
INFORMATION TECHNOLOGY IN BUSINESS BA (H)-342
BS - II

Date: December 29, 2009

Max Marks: 60
Time: Three Hours

Note: Attempts any five questions in the following all Questions carry equal marks

- ✓ Q-1 What is role of Multimedia technology in today business? Enlist commonly in-use graphic software with their functions
- Q-2
(a) Enlist major distinctive features of Windows 2000 and Unix operating systems
(b) Explain the Pen-based Technology, Identify in which field it is commonly in used
- Q-3
What is yours perception about an automated office? List down the features of the automated office and their major functions
- Q-4
Demonstrate how Internet works? enlist the major features of Internet, how does, we can block e-mails by an annoying person?
- Q-5
(a) Write down the distinguish points regarding the functionality of Networks and data communication
(b) What is the communication software, explain utilization of communication software (atleast five s/w)
- ✓ Q-6 Write down the role of the following (*any three*) technological facilities in a successful business
- a. Biometric Devices
 - b. Image Processing System
 - ✓ c. Electronic Funds Transfer (EFT)
 - d. Peachtree Accounting Software
 - ✓ e. Database Management System

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UNIVERSITY OF KARACHI
FINAL EXAMINATION, JUNE 2009: AFFILIATED COLLEGES
INFORMATION TECHNOLOGY IN BUSINESS: BA (H) – 342
BS – II

Four year
Program

Time allowed: 3hrs

Marks: 60

- Q-1(a) What do you mean by “Pen-based Technology”? Identify in which fields it is commonly in used
(b) Why optical storage devices are popular as compared to other storage media? Give reasons. Illustrate any five commonly used optical devices
- Q-2(a) Describe the elements of Computer-Based Information System (CBIS)
(b) Explain the functionality of the Operating Systems, which can be implemented in network environment, Code the five names of such NOS.
- Q-3(a) Enlist and explain most common protocols which are necessary for communication to different types of networks.
(b) How can we secure data/e-mail using digital signatures? Also explain, how can we prevent unauthorized access to your network using firewall?
- Q-4 Differentiate between the followings with suitable examples
- MPEG and JPEG
 - Excel and database
 - Palm Computer and Laptop Computer
 - Distributed and Centralized System
- Q-5(a) State the most appropriate answer in your answer script from multiple choices. 05
- 1) The _____ is an Organization-wide commitment to a quality information resource.
- | | |
|--------|--------|
| a. AIS | b. MIS |
| c. DSS | d. EIS |
- 2) A bus line consists of _____
- | | |
|-----------------------|-------------------|
| a. Parallel data path | b. Megabytes |
| c. Registers | d. Machine Cycles |
- 3) In _____ the slowest transmission speed occurs.
- | | |
|-----------------------|----------------------|
| a. Microwaves | b. Coaxial Cables |
| c. Fiber Optic cables | d. Twisted Pair wire |
- 4) A direct data entry device designed for use in financial institutions is _____
- | | |
|-------------|-----------------|
| a. MICR | b. Input device |
| c. Keyboard | d. Mouse |

5) A _____ network is made up of two or more different network structure.

- | | |
|------------------|-------------------|
| a. Hybrid | b. E-mail Server |
| c. Client-Server | d. Machine Cycles |

6.) A _____ is a computer-based system for defining, creating, managing and using databases

- | | |
|----------------------|---------------|
| a. Database | b. DBMS |
| c. File-Based system | d. E-Commerce |

7) A person that communicates with a computer or uses the information it generates is called a/an _____

- | | |
|---------------|-------------|
| a. User | b. Analyst |
| c. Programmer | d. End-user |

8) A _____ is a predefined spreadsheet formula that performs common calculations

- | | |
|-------------|----------|
| a. Function | b. Value |
| c. Label | d. Font |

9) A _____ is a computer that can request a service or access information stored on server

- | | |
|-------------------|-------------|
| a. Server | b. Client |
| c. Infrastructure | d. Topology |

10) A _____ image is a paper photograph that has been digitized

- | | |
|--------------|----------|
| a. Bitmapped | b. Still |
| c. Analog | d. Pixel |

Q-5(b) Write down brief functionality of the following computer related terminologies: 10

- | | |
|-----------------|----------------|
| a. ROM Chip | b. Port |
| c. Multitasking | d. Web Browser |
| e. Cyberspace | |

Best of Luck!

KARACHI UNIVERSITY BUSINESS SCHOOL
UNIVERSITY OF KARACHI
FINAL EXAMINATION JUNE 2008 AFFILIATED COLLEGES
INFORMATION TECHNOLOGY IN BUSINESS BA (II) - 342
BS - II

Date: June 18, 2008
Time Allowed: 2 Hours

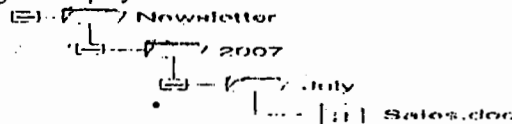
Max. Marks: 60

Instructions: All questions carry equal marks

Question # 1

A. (Circle ALL that apply) [6 marks]

1. The following diagram displays the current location of the Sales.doc file on a computer.



Which of the following represents the directory path for this file?

- (a) \July\2007\Newsletter\Sales.doc
 - (b) \Newsletter\2007\July\Sales.doc
 - (c) Sales.doc\July\2007\Newsletter
 - (d) Sales.doc\Newsletter\2007\July
2. An image on page one of a document is to be repeated on page three of the same document. Which of the following would enable this to happen?
- (a) Cut and paste
 - (b) Copy and paste
 - (c) Move the image
 - (d) Format the image
3. What is the primary role of a file server?
- (a) To manage internet access
 - (b) To manage the printing of files
 - (c) To provide access to and storage of files
 - (d) To allow users to log off a network
4. Which of the following interfaces is used to power a peripheral device?
- (a) SCSI
 - (b) USB
 - (c) Parallel
 - (d) Infra-red
5. Which of the following lists contains only graphic file formats?
- (a) GIF, JPEG, DIF
 - (b) PNG, GIF, JPEG
 - (c) JPEG, TIFF, DIF
 - (d) TIFF, DIF, PNG
6. TCP is referred to as connection-oriented. What does this mean?
- (a) TCP uses only LAN connections.
 - (b) TCP requires devices to be directly connected.
 - (c) TCP negotiates a session for data transfer between hosts.
 - (d) TCP reassembles the data streams in the order that it is received
7. Which Application layer protocol is widely used to support resolving host names to IP addresses?
- (a) FTP
 - (b) SMTP
 - (c) DNS
 - (d) HTTP
 - (e) WWW

X

a confident way. I couldn't think of anything to say and just kept quiet. Now that I look back on it, I really made a fool of myself. agonizing over my attempts at relationships with the opposite sex made adolescence a very uncomfortable time.

Q.No.8. Read each paragraph and state the main idea in your own words.

(06)

1. There is plenty of water on the earth. In fact, there is enough water on this planet for everyone to have a huge lake. The trouble is that the water isn't always found in the place where it is needed. In addition, much of the water is polluted or salty. Because of these problems, there are many people without sufficient water.

Main idea

2. New oil supplies need to be found to replace those that have been used up. There is a constant search for new oil fields. Oil hunters sink their wells where there are signs of oil. Each of these drillings costs thousands and thousands of dollars, and often there isn't enough oil to make it profitable. Nevertheless, the search for new oil never ends.

Main idea

FINAL EXAMINATION, JUNE 2007 : AFFILIATED COLLEGES
INFORMATION TECHNOLOGY IN BUSINESS BA(ED) - 342

Date : Dec, 2007
 Max Marks : 60

Time 2 Hours

Question # 1

- What is meant by the term spreadsheet / worksheet
- How does the spreadsheet data help in creating a graphical representation of a market scenario / business activity for a particular firm. Support your justification with an example.
- Why spread sheet software is useful recording day to day transactions? Discuss the dynamic nature of spreadsheet package with respect to changes in business data over a period of time.

Question # 2

- Define what is meant by Database? (Differentiate between database and database management system)
- Define the following terms
 - Query language
 - Entity
 - Attribute
 - Record
 - Relational database

Question # 3

- What is meant by the term multimedia? How multimedia supports business activities like promoting and marketing the business?
- Discuss the role of Operating System in allocating hardware resources as per the user requirements.
- Define the following
 - TCP/IP
 - IP address
 - FTP

Question # 4

- Differentiate between the following
 - LAN / MAN
 - Client-Server / Peer to peer
 - Modem / LAN card

How many differences
 - What is meant by the term network topology? How many topologies are there? Define in detail with functionality. *pg 322-324*
- networks adopter card*
NIC, NAC Network intg

Question # 5

- State and Explain (a few lines) the functions of the Information Technology.
 - State and Explain the Memory Hierarchy. What is considered to be the primary memory of Micro Computer? What functions are the main responsibility of primary memory?
- RAM*
Primary
Secondary

KARACHI UNIVERSITY BUSINESS SCHOOL
UNIVERSITY OF KARACHI

FINAL EXAMINATION : AFFILIATED COLLEGES
ORIENTATION TO COMPUTERS : BA(P) - 352

88A-II

Marks : 60
Date: December 23 2006

Time : 3 hours

Instruction: Attempt any five questions. Question No.1 is compulsory.

- Q1. Define the following terms (20)
- 1) Data and Information
 - 2) Data mining
 - 3) Decision Support System
 - 4) Input devices
 - 5) Main frame and super computers
 - 6) Switch and Hub
 - 7) Types of software
 - 8) LAN and WAN
 - 9) Tactical Activities
 - 10) Network Topologies
- Q2. a) Define E-commerce and its different application Models. (6)
b) Importance of computer based information system. (4)
- Q3. a) Write different benefits of computers in an business organization. (3)
b) Define all types of storage devices and output devices. (6)
c) 4000000 bits = _____ GB. (1)
- Q4. a) Define the off-line and on-line transaction. (Give at least two examples). (4)
b) Design a computer based information system for a flight reservation. (6)
- Q5. a) Define all the phases of system analysis and design. (6)
b) How computer system helps in order filling and tracking. (Give at least 1 example). (4)
- Q6. a) Briefly define the different parts of CPU. (4)
b) Define different types of communication. (4)
c) $(-128)_{10}$ convert this to Binary. (2)

X
DEPARTMENT OF BUSINESS ADMINISTRATION
UNIVERSITY OF KARACHI
B.B.A. (PASS) SEMESTER-II
ORIENTATION TO COMPUTERS

(4)
B.S.S.

FINAL EXAMINATION
(COURSE # BA(P)-352)

090103 / 180 MINUTES
MAX MARKS 60

INSTRUCTION: Attempt all questions. All questions carry equal marks.

Q.1. Many computer users now think that a computer system is not complete unless it is equipped with a printer, a microphone, & speakers. Do you think, this is true? Would you be able to do your work at a PC that lacked these pieces of hardware? Why?

OR

Define operating system and what are the principal functions of the operating system.

Q.2. Suppose that you are responsible for computerizing a respondent under an entering system. What type of input device do you think would work best for matters to input orders to the kitchen?

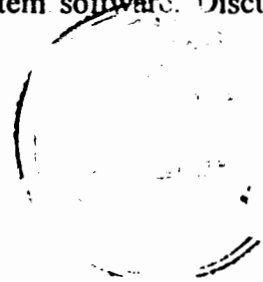
OR

In an effort to reduce new construction costs, some rapid, expanding companies are allowed more and more employees to telecommute several days a week. Offices are shared by several telecommunicating employees. One week employee will use the office 2 or 3 days a week, and another employee will use the same office other days of the week. What advantages does the company gain from this type of arrangement? What advantages do these employees have over the traditional work environment? What are some of the disadvantages to both the company and the employees? Do you think employee's productivity will decline from telecommunicating and/or sharing office space with other telecommuting employees? If so, why?

Q.3. Why is the CPU commonly referred to as the computer's "brain"? Do you think it is a good idea to use this term to describe the CPU? Why?

OR

What is the difference between application software and system software. Discuss the different categories of application software.



Total 456