



جامعة السلطان الشريف علي الإسلامية
UNIVERSITI ISLAM SULTAN SHARIF ALI
SULTAN SHARIF ALI ISLAMIC UNIVERSITY

Centre for Promotion of Knowledge & Language Semester I, Academic Session 2020/2021

Final Examination Paper

Code Course : PM3111
Course Name : ICT FUNDAMENTAL
Time : 2 hours

NOTES:

1. There are TWO sections in this paper. Answer ALL questions

Section A: Multiple Choice Questions – 20 marks

Section B: Short Answer Questions 10 marks

2. You are require to only TICKED √ (section A) & WRITE the correct answer in the space provided (section B)
3. There are 7 printed pages in the question booklet

SECTION A: MULTIPLE CHOICE TEST (QUESTIONS 1 TO 20) 1 MARK EACH

Circle the correct answer.

Question 1: Which of the following is non-volatile storage?

- A. Backup
- B. Secondary
- C. Primary
- D. Cache

Question 2: Saving data and instructions to make them readily available is the job of _____

- A. Storage
- B. Cache
- C. Input
- D. Output

Question 3: Which of the following is not a function of the Output Unit?

- A. It produces results that can be easily understood by the user
- B. It accepts the results produced by the computer
- C. It supplies the data and instructions to the outside world
- D. It supplies the data and instructions to the computer for further processing

Question 4: The process of producing useful information for the user is called _____

- A. Controlling
- B. Outputting
- C. Inputting
- D. Processing

Question 5: The Central Processing Unit (CPU) consists of

- A. Input, output and processing
- B. Control unit, processing and primary storage
- C. Control unit, arithmetic-logic unit and primary storage
- D. Control unit, primary storage and secondary storage

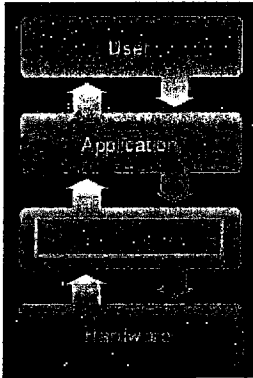
Question 6: Which unit is responsible for converting the data received from the user into computer understandable format?

- A. Memory Unit
- B. Arithmetic & Logic Unit
- C. Input Unit
- D. Output Unit

Question 7: The smallest unit of data in computer is _____

- A. Byte
- B. Nibble
- C. Bit
- D. KB

Question 8: Fill in the blank in the diagram.



- A. Input Unit
- B. Memory Unit
- C. Control Unit
- D. I/O Unit

Question 9: What is Kernel?

- A. Input Unit
- B. Memory Unit
- C. Control Unit
- D. I/O Unit

Question 10: Physical or logical arrangement of network is _____

- A. Topology
- B. Routing
- C. Networking
- D. Control

Question 11: Which network topology requires a central controller or hub?

- A. Star
- B. Mesh
- C. Ring
- D. Bus

Question 12: Data communication system spanning states, countries, or the whole world is

- A. LAN
- B. WAN
- C. MAN
- D. PAN

Question 17: In computer networking, what are the three basic components needed to create a network?

- A. hardware, software, users
- B. cabling, software, users
- C. hardware, software, cabling
- D. hardware, cabling, users

Question 18: Which of the following is not a transmission medium?

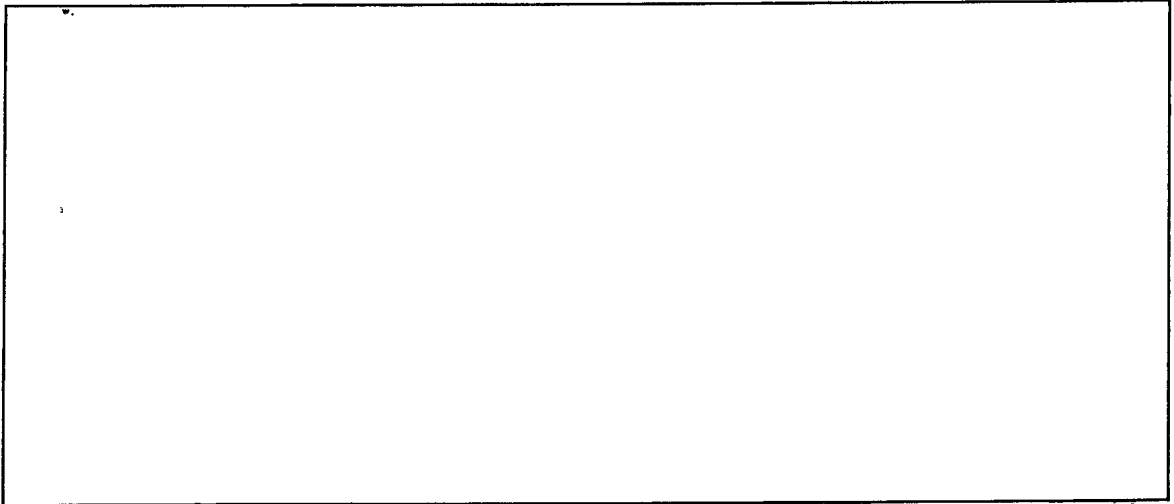
- A. Infra-red
- B. Satellite
- C. Search engines
- D. Cables

Question 20: An Information and Communication System can be defined as:

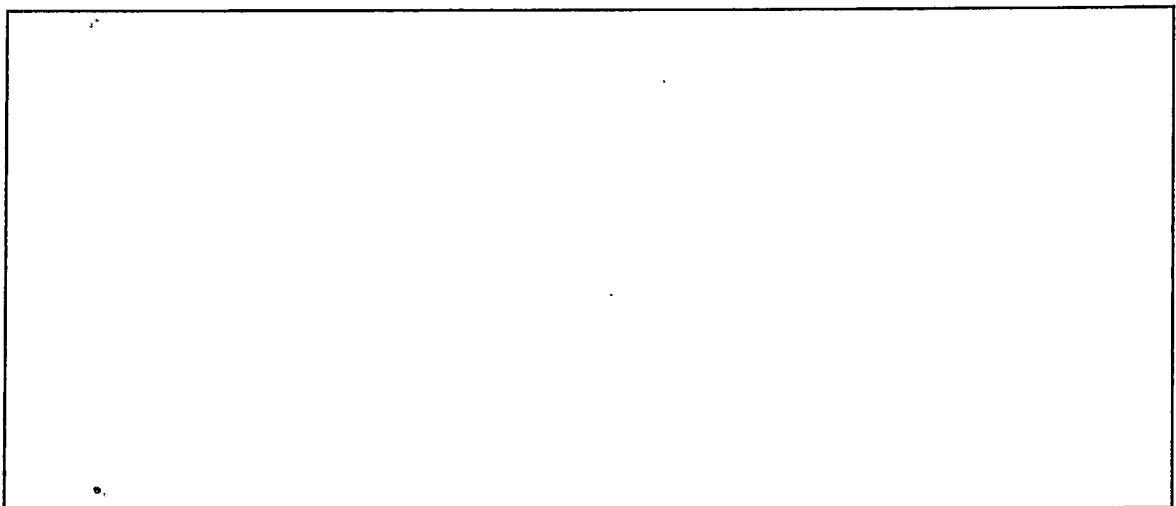
- A. The set of formal procedures by which data is collected, processed into information and distributed to users.
- B. The set of informal procedures by which information is collected, processed into data and distributed to users.
- C. A group of two or more interrelated components that serve a common purpose.
- D. The process of compiling, arranging, formatting and presenting information to users.

devices. Explain each of the transmission type and provide the appropriate figure/diagram. (6 marks)

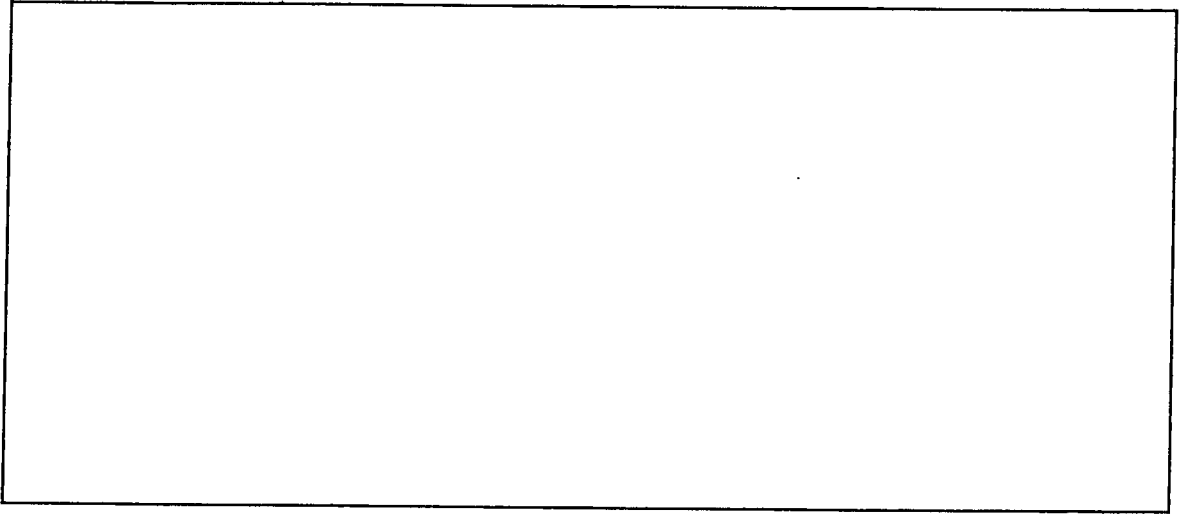
(a) Simplex: _____



(b) half duplex: _____



(c) half duplex: _____



END OF EXAMINATION PAPER

بالتوفيق والنجاح