

**Name: Roll. no:   
Subject: CFA   
Level: 1st Semester**

**SET : B**

Mitrapark, Chabahil, Kathmandu

Tel: +977 1 4479017

**Department of Humanities &social Science**

**PRE BOARD - EXAMINATION-2075**

**Group 'A'**

**Circle ( ) the correct answer in the following questions. [10\*1=10]**

1. A device driver acts as an interface between

a. End-User and I/O devices b. Application software and I/O devices

c. Application software and operating system d. Operating system and I/O devices

2. Which of the following options is not a utility system?

a. Virus scanner b. System Profiler

c. Disk Defragmenter c. Debugger

3. What does CPU stands for ?

a. Central protection unit b. central point point

c. central progressive unit d. Non of the above

4. which of the following devices are used for recognizing the characters in the supermarket ?

a. OCR device b. OMR device

c. MICR device d. Bar code Reader

5. which of the following program is essential for the functioning of a computer system ?

a. MS Word b. Operating system

c. Ms Excel d. System Software

6. Which of the following types of the operating system allows multiple users to work simultaneously ?

a. Multitasking operating system b. multi users operating systems

c. multiprocessor operating systems d. None of the above

7. What is the transmission mode that allows both communication devices to transmit and receive data simultaneously ?

a. Simplex b. Full- Duplex

c. Half-Duplex d. None of the above

8. Which of the following uses light pulses for carrying information.

a. Satellite b. Microwave

c. Optical fibre c. Coaxial cable

9. What is the address of computer on a network known as ?

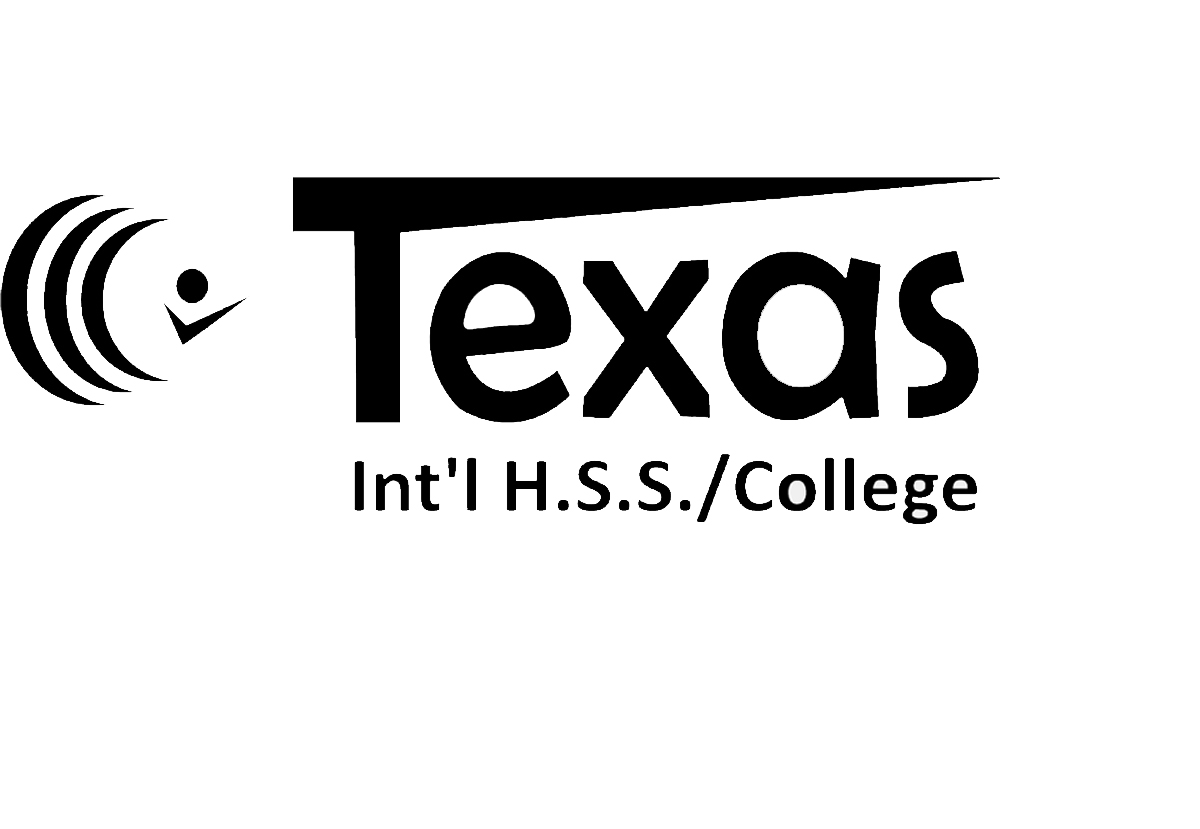
a. URL b. IP address

c. Host d. Domain Name

10.What is the name of the technology underlying Bit coin ?

a. Bit chain b. Block link

c. Block chain d. Satoshilink



**Stream: BCA FM : 60  
Subject: CFA PM : 30  
Level: 1st Semester Time: 3 Hrs**

**Set: B**

Mitrapark, Chabahil, Kathmandu

Tel: +977 1 4479017

**Department of Humanities &social Science**

**PRE BOARD - EXAMINATION-2075**

***Candidates are required to answer the question in their own words as far as practicable***

**Group 'B'**

**Attempt any six [6\*5=30]**

1. What are the different types of input devices used in computer systems ? Explain them briefly.

2. What are the different types of viruses and ant viruses ? what are the different ways through which virus and worms spread?

3. What is operating system ? Describe the functions of an operating system ?

4. Differentiate between centralized database architecture and distributed database architecture . State advantages and disadvantages of distributes systems.

5. what is OSI and TCP/IP layer ? define different layers of both the OSI and TCP/IP.

6. Define ADSL ? What is difference between DSL and ADSL?

7. write short notes on:

a. AR b. VR c. AI

d. E-commerce e. e-governance

**Group 'C'**

**Attempt any two questions: [2\*10=20]**

1. What do you mean by word processing ? What are the features of word processor ? Explain importance and use of hyperlinks in MS-word documents.

2. Explain any four functions available in the following categories :

a. Logical functions b. Date and Time

c. Financial d. Text

e. Lookup and Reference f. Statistical

3. How can you record a slideshow in MS PowerPoint ? Write down the steps of creating video in PowerPoint ?

\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*