

CLASS - F.Y. Bsc. CS. **first year**

Sub: fundamentals of computer

Q-I

- (a) Explain input & output device.
- (b) What is word processing & how to create document in Ms-Word
- (c) What is logic gates & explain any two logic gates.
- (d) What is secondary memory? Explain its type.
- (e) Explain Type of CPU organization.

CLASS - F.Y. Bsc CS  
Sub - Programming in C

**first year**

Q-I

- (a) Explain structure of program in C language.
- (b) What is variable in C? how it is declared.
- (c) Give the syntax of for loop & also write suitable example.
- (d) What is pointer in C & give the uses of pointer.
- (e) What is file handling in C & how it is open & close file in C.

class. s.y. Bsc. **second year**

Sub: OOPS using C++

Q-I

- (a) What is advantages of oops. 2.
- (b) Explain scope ~~res~~ access operator. 2.
- (c) What is class in C++. Write its syntax with suitable example. 2.
- (d) Explain unary operator. 2.
- (e) Explain polymorphism in C++. 2.

Class Sy Bse **second year**  
Sub. Data Structure.

Q-I

- ① Explain type of Data structure ?
- ② What is Stack ? Which operation we performed
- ③ how to implement linked list & Explain its type ?
- ④ Write Binary Search algorithm ?
- ⑤ how to Representation of graph ~~using~~ using Depth first Search ?

CLASS - T-4, Bsc. **third year**

Sub: DBMS.

Q-I

- ① Write the advantage & disadvantage of DBMS?
- ② Explain entities & entities set
- ③ Explain primary key in DBMS.
- ④ Explain 2NF
- ⑤ Explain static & dynamic hash.

class T.Y. Bsc **third year**  
Sub: Operating System.

Q-I

- ① Explain the component of operating system.
- ② Explain process life cycle.
- ③ Explain logical & physical address space
- ④ Explain disk scheduling algorithm.
- ⑤ Write short notes on ~~linux~~ linux kernel.