

**B.Sc. (Hons ) Part-III (1+1+1 System) Practical Examination : 2020**

**Subject : Computer Science : Paper – VIII**

**Full Marks : 100 (VIVA – 30 marks Written : 70 Marks)**

**8 questions should be asked online viva( 4 from group-A and 4 from group-B) for the laboratory examination having total marks of 30 and students will write the same answer having total 70 marks asked in viva in A4 size paper after completion of his/her viva and will upload it (within 30 mins) in college portal.**

**Instruction :**

**On the first page of their answer scripts, examinees are to write down the following :**

UNIVERSITY OF CALCUTTA

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Paper – VIII

Roll no.: –

Registration No.: -

Date of Examination :

**Group - A**

1. Answer any four questions :

- a) What is a class ?
- b) What is encapsulation ?
- c) What is a copy constructor?
- d) What is function overriding?
- e) What is a friend function?
- f) What is a namespace?
- g) What is the meaning of base address of the array?

## **Group - B**

2. Answer any four questions :

- a) What is a UNIX shell ?
- b) What is Unix Kernel ?
- c) How many types of files are there in UNIX?
- d) What is piping?
- e) How to Kill a process in UNIX?
- f) What is the function of chmod command ?
- g) How to move files from one directory to other in UNIX?