

**1911000102060001 - E**  
**First Year B.C.A. (Sem. II)**  
**Examination April - 2023**  
**PRACTICAL (P - 206)**

**Seat No:**

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**Student's Signature**

**[Time: Five Hours]**

**[Max. Marks:140]**

**Instructions**

(1) Figures to the right indicate full marks of the question.

- Q.1** (A) Write a C Program that creates structure Cricketer with cid, cname and total runs of 10 matches. **30**
- (1) Input details of 5 Cricketers.  
 (2) Display those cricketer's name who have scored more than 500 runs.
- (B) Write a python program that performs the following: **30**
- Ex. Inputted String : Hello Technocrates
- (1) Print all characters by skipping 1 character (Output: HloTcncae)  
 (2) Print entire string reverse (Output: setarconhceT olleH)  
 (3) Print length of the String (Output: 18)
- Q.2** (A) Create following tables and apply appropriate constraints. **30**
- Student (Rno, Studname, DOB)  
 Subject (Sub\_code, Sub\_name)  
 Result (Rno, Sub\_code, Marks)
- Create above tables with following constraints:
1. Declare primary key and foreign keys in corresponding tables  
 2. Marks must be between 0 and 100  
 Insert 5 records in each table.
- (B) Write a PL/SQL code block to calculate and display total marks, percentage and class (Distinction, First class, Second Class, Pass class, Fail) of all students **30**
- Q.3** Viva and Journal **20**