

**Web & Database Developer**  
**COMPUTER PRACTICAL PAPER**  
**Tibetan Computer Resource Centre(TCRC) - DOF**  
**Office Superintendent**

Duration: 3:00 hrs

Maximum Marks: 100

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**Access the server with IP: 192.168.56.101 username: tcrc / password: tcrc**

1. Create a new user called (staff) in Ubuntu Server **(20 Marks)**
  - a. Change the ssh port number to 5555
  - b. Disable able port HTTP Port and enabled HTTPS Port
  - c. Access the server using the newly created user and create a folder called **tcrc** with permission owner-full, the group - read-only, others- read-only and keep all your subsequent files in this folder.
1. Make a new MySQL username called exam, and create a new database named test, and assign it to the newly created user. **(10 Marks)**
2. Create a cron job to export test db from the database every Sunday at 9:00 **(10 Marks)**
3. Create a WordPress page using a newly created MySQL username and database
  - a. Add a few categories, a few posts, and 3 editors with different role **(20 Marks)**
4. Set up a Virtual host for the tcrc folder with the hostname of your choice. **(15Marks)**
5. Analyze the error log file and extract the last 10 records with their Network IP, machine detail, OS details, and timing. **(15Marks)**
6. **MYSQL** **(10Marks)**
  - a. Create a new table called students(id (primary key), name, gender, dob) in the test database using a PHP query.
  - b. Insert 5 records in the students table using the PHP query
  - c. Write a query to delete the record of id=5
  - d. Write a query to update the name of id=4
  - e. Display all the student records in row and column format in php file.