

PYTHON BASIC EVALUATION

Maximum Marks:25

Instructions:

1. All Questions are compulsory.
 2. Save your answers to a folder with your name and share it in drive with edit permission.
 3. You should not take any help from faculties, batch mates or copy code from Internet which makes you disqualified in the test.
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1. Print the following (4 marks)
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 2. Create a dictionary to store names and birthdays. Display all the names and birthdays, when user enters a name, return the birthday of that person back to them. (4 marks)
 3. Write a Python program to count the number of characters in a string, return a dictionary with key as the character and its value as its frequency in the given string. (4 marks)
 4. Write a program to print the Fibonacci series using generators? (3 marks)
 5. Create tables “ITEMS” & “RATING” with following fields. (5 marks)

Items : item_id (primary key), Item_name, price , stock

Rating: r_id(primary), itemid(foreign key), rating.

1. Retrieve the item names according to rating(high to low)
 2. Display all the items (with details)along with their rating.
 3. Display the item with lowest rating.
 4. Display the count of items with rating “5”
 5. Alter the table to add a new field “sold_quantity” – to show the no.of items sold.
6. Create a class – “Employee” (5 marks)
1. Write a function to read details of Employee.(Name, Emp_code, Month ,Salary)
 2. Write a function to get the sum of salary(‘n’ months) of an employee.
 3. Write a function to get the average salary of an employee.