Backend Developer MCQ Test

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Basic Financial MCQ Test

What is the primary purpose of the Reserve Bank of India (RBI)? *

○ A) Fiscal policy implementation

◉ B) Monetary policy regulation

○ C) Infrastructure development

○ D) Foreign trade promotion

Which of the following is considered India's stock market index? *

◉ A) NIFTY

○ B) DOW

○ C) FTSE

○ D) Nikkei

What is the tax rate for long-term capital gains tax on equity investments in India?

- ◉ A) 10%
- ○ B) 15%
- ○ C) 20%
- ○ D) 0%

What does the term "Fiscal Deficit" refer to in India? *

- ○ A) Excess of total revenue over total expenditure
- ◉ B) Excess of total expenditure over total revenue
- ○ C) Government borrowing from foreign markets
- ○ D) Excess of exports over imports

Which regulatory body in India is responsible for regulating and supervising the   *
insurance sector?

○ A) SEBI

◉ B) IRDAI

○ C) RBI

○ D) FICCI

What is the minimum public shareholding required for a company to be listed on   *
Indian stock exchanges?

○ A) 10%

○ B) 15%

◉ C) 25%

○ D) 30%

Which of these is NOT a credit rating agency in India?

○ A) CRISIL

○ B) ICRA

◉ C) CIBIL

○ D) CARE

What does the term "CRR" stand for in the context of Indian banking?

○ A) Currency Reserve Ratio

◉ B) Cash Reserve Ratio

○ C) Credit Risk Ratio

○ D) Current Rate of Return

Under the Pradhan Mantri Jan Dhan Yojana (PMJDY), what is the overdraft limit   *
available for eligible account holders?

○ A) ₹5,000

◉ B) ₹10,000

○ C) ₹15,000

○ D) ₹20,000

What is the tenure of the National Investment and Infrastructure Fund (NIIF) set   *
up in India?

○ A) 5 years

○ B) 10 years

○ C) 15 years

◉ D) Open-ended

Backend Developer MCQ Test

1. All the question are mandatory.

2. No negative marking.

1.   What does MTV stand for in Django? *

⦿ A. model−template−views

◯ B. make−test−views

◯ C. model−template−verify

◯ D. mobile−template−verification

2. Which command is used to create the first project in Django? *

⦿ A. django-admin startproject project_name

◯ B. django-admin startapp project_name

◯ C. django-admin create project_name

◯ D. django-admin createproject project_name

3. Which is the correct statement to import models in the Django project? *

   ○   A. from django import models

   ○   B. from django.models import models

   ◉   C. from django.db import models

   ○   D. None of the above

4. What is the correct syntax to use a variable in the Django template? *

   ◉   A. {{ variable_name }}

   ○   B. < variable_name >

   ○   C. << variable_name >>

   ○   D. " variable_name "

5. Which template tag is used to create variables directly in the Django template? *

⦿ A. {% with %}

◯ B. <% with %>

◯ C. << with >>

◯ D. {{ with }}

6. Supervised learning and unsupervised clustering both require which is correct *
according to the statement.

⦿ A. input attribute

◯ B. hidden attribute

◯ C. output attribute

◯ D. categorical attribute

7. You are given reviews of few Netflix series marked as positive, negative and   *
neutral. Classifying reviews of a new netflix series is an example of_____

○ A. unsupervised learning

○ B. semi supervised learning

◉ C. supervised learning

○ D. reinforcement learning

8. Database query is used to uncover this type of knowledge.

○ A. hidden

○ B. shallow

○ C. deep

◉ D. multidimensional

9. Which of the following can only be used when training data are linearly separable?

○ 1. linear logistic regression

◉ 2. linear hard-margin svm

○ 3. linear soft margin svm

○ 4. parzen windows

10. What can be major issue in Leave-One-Out-Cross-Validation(LOOCV)? *

◉ A. high variance

○ B. low variance

○ C. faster runtime compared to k-fold cross validation

○ D. slower runtime compared to normal validation

11. Which of the following statements is correct in this python code?

class Name:

　　def __init__(javatpoint):

　　　　javajavatpoint = java

name1=Name("ABC")

name2=name1

○ A. It will throw the error as multiple references to the same object is not possible

○ B. id(name1) and id(name2) will have same value

○ C. Both name1 and name2 will have reference to two different objects of class Name

◉ D. All of the above

12. Which of the following declarations is incorrect? *

○ A. _x = 2

○ B. __x = 3

○ C. __xyz__ = 5

◉ D. None of these

13. Which of the following are TCL commands?

◉ A. COMMIT and ROLLBACK

○ B. UPDATE and TRUNCATE

○ C. SELECT and INSERT

○ D. GRANT and REVOKE

14. In which of the following cases a DML statement is not executed? *

○ A. When existing rows are modified.

◉ B. When a table is deleted.

○ C. When some rows are deleted.

○ D. All of the above

15. What is returned by INSTR ('JAVAT POINT', 'P')? *

○ A. 6

◉ B. 7

○ C. POINT

○ D. JAVAT

Aptitude Test

1. A sum of money at simple interest amounts to Rs. 815 in 3 years and to Rs. 854 in 4 years. The sum is: *

○ A. Rs. 650

○ B. Rs. 690

◉ C. Rs. 698

○ D. Rs. 700

Feedback

C. Rs 698

2. Mr. Thomas invested an amount of Rs. 13,900 divided in two different schemes A and B at the simple interest rate of 14% p.a. and 11% p.a. respectively. If the total amount of simple interest earned in 2 years be Rs. 3508, what was the amount invested in Scheme B?

⦿ A. Rs. 6400

◯ B. Rs. 6500

◯ C. Rs. 7200

◯ D. Rs. 7500

◯ E. None of these

Feedback

A. Rs. 6400

3. A sum fetched a total simple interest of Rs. 4016.25 at the rate of 9 p.c.p.a. in 5 *
years. What is the sum?

○ A. Rs. 4462.50

○ B. Rs. 8032.50

○ C. Rs. 8900

◉ D. Rs. 8925

Feedback

D. Rs. 8952

4. How much time will it take for an amount of Rs. 450 to yield Rs. 81 as interest   *
at 4.5% per annum of simple interest?

○ A. 3.5 years

◉ B. 4 years

○ C. 4.5 years

○ D. 5 years

Feedback

B. 4 years

5. Reena took a loan of Rs. 1200 with simple interest for as many years as the   *
rate of interest. If she paid Rs. 432 as interest at the end of the loan period, what
was the rate of interest?

○ A. 3.6

◉ B. 6

○ C. 18

○ D. Cannot be determined

○ E. None of these

Feedback

B. 6

6. A can do a work in 15 days and B in 20 days. If they work on it together for 4 days, then the fraction of the work that is left is :

○ A. ¼

○ B. 1/10

○ C. 7/15

◉ D. 8/15

Feedback

D. 8/15

7. A, B and C can do a piece of work in 20, 30 and 60 days respectively. In how many days can A do the work if he is assisted by B and C on every third day? *

○ A. 12 days

◉ B. 15 days

○ C. 16 days

○ D. 18 days

Feedback

B. 15 days

8. A alone can do a piece of work in 6 days and B alone in 8 days. A and B   *
undertook to do it for Rs. 3200. With the help of C, they completed the work in 3
days. How much is to be paid to C?

○ A. Rs. 375

◉ B. Rs. 400

○ C. Rs. 600

○ D. Rs. 800

Feedback

B. Rs. 400

9. If 6 men and 8 boys can do a piece of work in 10 days while 26 men and 48 boys can do the same in 2 days, the time taken by 15 men and 20 boys in doing the same type of work will be:

● A. 4 days

○ B. 5 days

○ C. 6 days

○ D. 7 days

Feedback

A. 4 days

10. 4 men and 6 women can complete a work in 8 days, while 3 men and 7   *
women can complete it in 10 days. In how many days will 10 women complete it?

○ A. 35

◉ B. 40

○ C. 45

○ D. 50

Feedback

B. 40

PRODUCT KNOWLEDGE AND TECHNICAL LOGIC CODE

1. About the Product (Investment Product)
Sector -> Stock Market
Product -> DEMAT Account (Angel One)

Description :-
Fundsroom is an investment platform which deals mainly in stock market [trading , research and advisory] through our product DEMAT account which is partnered with Indias leading broker ANGEL ONE

Hence to start with the technological product of fundspay and fundsroom our intern needs to understand basics of investment in terms of how the investment/trading app works hence this is the COMPULSORY process to be followed for completion of this specific round

ACCOUNT OPENING PROCESS:
1. Open DEMAT account through the given link only and not by any other link which is given within the google form
2. Open your SELF DEMAT or any person you know account through the given link by completing all the steps
3. As its investment app account you would require to upload documents such as [PAN, AADHAR, BANK] as per the government requirement and norms
4. The account opening process is totally FREE and there is not any charges associated with it and its totally monitored and governed by government agencies [BES, NSE, SEBI,CDSL, NSDL]
5. Post completion of account opening process take screenshot of the process and submit it with your details in this google form
6. The purpose of account opening is to understand your technical and financial knowledge about the product and the sector under which you would be working for in future

FUNDSROOM DEMAT ACCOUNT OPENING LINK *
LINK URL: https://tinyurl.com/2p2uq9gu

◉ Opened

○ Not Opened

SCREENSHOT OF THE ACCOUNT COMPLETION PROCESS *

🖼 PRANAV - Prana...

Name of the person whose account is opened [FULL NAME AS PER PAN CARD]

PRANAV MADHUKAR SHINDE

Relation with the account holder *

- ◉ SELF
- ○ FRIENDS
- ○ FAMILY
- ○ COLLEUGE
- ○ OTHERS

CONTACT NUMBER OF THE ACCOUNT OPENED PERSON *

9307189092

TECHNICAL LOGIC CODE OF THE PROCUT AND PROCESS

As you have opened account [DEMAT account] hence you need to analyze each step and give us the code document of any of the steps
for example:
your first step of account opening process will have process of

1. Enter mobile number withing the box
2. Enter the OTP within the box
3. Enter the referral code within the box
4. Register/submit button

hence you need to write down the code in flutter and submit the
1. Word document
2. Screenshot of the code and output of the code .

Note:
you have to complete all the account opening process and submit it and within the account
opening process you can choose any step of your understanding and create the code
accordingly which must run and must have logical value associated with it

WORD FILE OF THE CODE CREATED BY YOU   *
[Attach the code output within the same word file and give it your name and
describe the code of which process you have created]

| W Code1 - Pranav S... |

This form was created inside of Pune Institute Of Business Management.

Google Forms