

TECHNICAL AND BUSINESS WRITING

17K-3730

GR-1

(FINAL EXAMINATION - 2020)

Question #01:

(a)

- 1- One of the reasons of movie being outstanding is it's meaningful music and rightly placed/contextual plot.
- 2- Adolescent ~~Juve~~ delinquency is increasing remarkably -
OR
Juvenile delinquency is increasing remarkably in modern era.
- 3- Guerrillas kidnapped the hostage at gunpoint, blindfolded and handcuffed him, then forced him into car.
- 4- Married working women get less time for recreation and sleep.
- 5- Three technical areas of theater are costumes, scenery and lighting.

(b)

Due to COVID-19, a nationwide lockdown has been imposed in 60 countries around the globe. This situation has led to 35% increase in the use of internet. An average internet user is using internet 15% more than his/her pre-COVID-19 usage. Almost 60% of industries, businesses and organizations have adopted work from home policy. Due to lockdown, people, confined ⁱⁿ their homes, are using internet to seek entertainment. Online streaming portals are experiencing 85% increase in user traffic than usual.

(c)

- (1) The error in first image is more polite and has apologetic tone. The reasons are stated below:
- error message begins with the "sorry", showing apologetic tone.
 - error message has information relevant to user while 2nd error message has technical information.

(2) Oop!

The page you tried to access could not be found.

~~It~~ You may have typed the address incorrectly or the link maybe broken.

Not to worry, why don't you try again?

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Date: 25th June, 2020

Question # 02:

(a)

1- B, C, D

2- B

3- C

4- A

5- A

6- A, B

7- B

8- C

9- B, (A) → if we want to tell our boss about the procedures that we used to avoid biases in data. (or might use)

10- B

(b)

A) 4

B) 3

C) 2

D) 1

Question # 03

1) Motivation :

The airline reservation system is a web based project to implement the basic core concepts of airline reservation system. This reservation system allows users to book/cancel flights, check different seats. The passengers can check fares for different routes. The availability of flights can be checked and track of the arrival and departure of the flights, on run time bases, can be ~~easy~~ easily kept through the system. This enables the passengers to book the flight according to convenience using flight details and availability of flight provided by system. Once the user enters the name for departure and arrival point, the shows list of available flights with details of time and date. User then enter the number of seats required, which is further verified by the system and then it ~~just~~ asks the user to ~~proct~~ provide passenger details. After entering required fields, ~~st~~ system ask for payment option for the seat booked ~~the~~. The particular payment option is validated and seat is booked.

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project definition:

The web based airline reservation is an advanced and automated system which reduce management/manual errors, enabling user to check/book/cancel/track flights in a more convenient and easy way.

Question #04

- ① Investing in stock market is the main problem for which investors and traders need information of the market and the trends known by brokers. Real time market information and all related visualizations can be easily known by this application.
- ②
 - a) Software engineering and trustworthy computing
 - b) Public FDA data.
 - c) Accident reports.
- ③ The main goal/motivation for JTRADE is that it allows users to invest and trade in stock market using ~~the~~ charts and graphs of the trends and information at real time without brokers. The application enables the users to invest wherever they want and whenever they want.
- ④
 - Clearer roles and responsibility for the shared burden of software.
 - Establishment of open research platform for innovation.
- ⑤ functionalities :
 - Portfolio management
 - Charting
 - Paper trading
 - Technical analysis
 - Experimental methods
 - Low cost transaction
 - Real time market information.

Question # 05

* Technical Skills :

* ~~La~~ Programming Languages :

- | | |
|-------------------------|------------------------------------|
| • Java | infographics.com
5/5 |
| • Javascript | 5/5 |
| • Dart | 4/5 |
| • Swift and Objective C | 3/5 |
| • Python | 5/5 |

* Libraries and Frameworks :

- Flutter -
- React JS and React Native -
- NodeJS, ExpressJS -
- ~~NodeJS~~ Redux -
- Flask and MongoDB for backend -

* Projects :

* CV Recommender App (03 March, 2020 — 4th May, 2020).

- - Developed an android app to recommend CVs of applicants to the recruiters based of TFidf scores, when recruiter posts a job at the portal.
- - Multi platform app which can also be accessed through web.
- - Technology and tools :

React, MongoDB, Javascript, HTML/CSS,
Flask-python -

★ Tic Tac Toe : (May, 2020)

- Developed android app to engage people ~~in~~ to stay at home and connect with friends through Tic-tac-toe android game by staying at home.
- Cross platform app using Flutter and dart.
- ^{Implemented} Session management and security of player credentials by applying network security concepts
- Tools and technologies:
Flutter and Dart, HTML/CSS, and Android Studio kit-

Q6

Buffer : (a)

We really appreciate that a number of employees are profoundly keen about upgrading their work ^{quality} and designing skills by utilizing the new and additional features that Adobe photoshop software is offering.

RC

Date: _____

(b)

CASA has always been one of the leading associations who work for children. We always support and appreciate CASA for its work and efforts. We highly encourage the association's program for children and we also have soft heart for children. For the past three years, we have tried our best to support CASA financially for the cause.

Question #07

Introduction

SEOULITE is one of the famous ~~the~~ clothing brand of South Korea that has been established in 1900's and continuing its legacy of providing high quality of clothing varieties to its customers. ~~THE~~ SEOULITE serves as a shopping hub that produces all the trendy clothing for all the generations along with accessories like bags, jewellery, etc. However, with the change in technology ~~the~~ ^{many} customers recommends ~~to~~ to adopt the modern ways of selling the products i.e: creating your E-commerce app or E-shop so that customers can easily buy products by sitting at home.

Proposed Solution:

Tex-Metrics has a number of experienced developers ~~and~~ and at our web design company we ~~enable our customers~~ to create and develop user friendly and dynamic sites with great user experience. To solve the problem of limited branches and

Date: _____

Increasing the reach of the store, the best solution would be an E-commerce website with following features

- - Create user account
 - - View catalog
 - - Add to cart.
 - - Payment methods (with implemented security layer)
- and much more! ~~that we would like~~