



SCHOOL OF COMPUTER SCIENCE AND ENGINEERING

Winter Semester 2024-25

Practice Problem Set 3

SLOT : L3+L4

Course Code : CBS3014

Programme : B.Tech.

Course Name : Modern Web Applications

Class Number(s) : VL2024250505183

Faculty Name (s) : Dr Ramesh C

Question 1:

The quiz is a type of game in which contestants attempt to answer questions as quickly as possible. The quiz is not about arbitrary topics, but rather specific ones. Teachers can organize quiz competitions to assess students' knowledge outside of the curriculum or on any topic. JavaScript is a programming language that facilitates the execution of complex tasks on web pages.

It is a scripting language that facilitates the creation of rich, up-to-date content, such as multimedia, animated images, and graphics. Develop a QUIZ interactive application for VIT entrance test for new budding engineers who wish to join VIT, which supports both PC and mobile interfaces with the following conditions.

- The medium of the questions will be only English.
- The student should use VIT mail id's only can be able to attend the quiz once received from institution, they can login via this email.
- **The First round** will be based upon General Science in which 10 questions will displayed. The duration of this round will be 15 minutes (20 marks).
- **The second round** will be based upon General Knowledge, in which 5 questions will be displayed. The duration of this round will be 15 minutes (10 marks).
- **The Third round** will be of Logo Identification in which 5 logos will be displayed. The duration of this round will be 8 minutes (20).
- Cumulative scores above 9.5 can get admission in Vellore, above 7.5 to 9.4 admitted in Chennai campus, above 6.5 to 7.4 admitted in Amravati campus and below 6 will not be admitted.
- Design an interactive application using HTML, CSS (Bootstrap optional), JavaScript to validate the answers and form inputs and XML.