PRACTICE TEST – No.1

Module: NodeJs (Duration: 60 minutes)

Create a RESTFul API application using Nodejs, ExpressJs and Mongoose following requirements:

1. Install Application using **express-generator**   **[1 mark]**

2. Install **mongoose** package to connecting MongoDB   **[1 mark]**

3 .Settings mongoose in express with the condition that the mongoDB server connects successfully first, then it is the express server's turn to start at port **8080**   **[3 marks]**

4. Install and settings **nodemon** package   **[2 marks]**

5. Making Resources articles (includes **Student Model** and routes as below)

Build a **articleSchema** as example request Body below**,** then define **Article Model**   **[5 marks]**

Endpoints	Method	Description	Response	Marks
api/v1/articles	GET	Get All articles	Json string containing articles list	**2 marks**
api/v1/articles/:id	GET	Get a article details	Json string containing a article details	**2 marks**
api/v1/articles	POST	Create a new article	Json string containing the information the article just added	**4 marks**

Example Request Body:

```
 {
   title: "Apple released OS 15 beta",
   keyword: "apple, os",
   description: "To day Apple released OS 15 beta",
   content: "In publishing and graphic design, Lorem ipsum is a placeholder text",
   date: "2023-10-01"
}
```

Example Response template:

```
 {
   message: "Success",
   data: {
    title: "Apple released OS 15 beta",
   keyword: "apple, os",
   description: "To day Apple released OS 15 beta",
    content: "In publishing and graphic design, Lorem ipsum is a placeholder text",
   date: "2023-10-01"
  }
 }
```

------------------ THE END---------------