**School of Data Science and Forecasting**

**Devi Ahilya Vishwavidyalaya, Indore**

**Big Data Analytics**

**Time: 2 Hrs Marks: 20**

You are appointed as an Analyst at MakeMyTrip. You are required to manage enormous amount of data generated in the organization. Create a JSON file of your choice for representing the data that can be stored in the MakeMyTrip organization. However, you should create only small number of observations considering the non-feasibility of generating a big data in this limited time. Import the data from JSON file to MongoDB. Insert, delete, update and search a record in MongoDB. Link Mongo DB with Python and insert, delete, update and search a record using Python.

**Submission:** Share the following 3 files on [exam.bhartimotwani@gmail.com](mailto:exam.bhartimotwani@gmail.com). The evaluation will be done on the basis of concept, relevance, complexity and quality of the answers.

1. JSON file
2. Word file containing screenshots of MongoDB software.
3. Jupyter notebook in a pdf (Preferably) format.