

**Anjuman Islam Janjira Degree College of Science**  
**Murud-Janjira, Raigad-402401**  
**Affiliated to University of Mumbai**

<b>Class: - F.Y.B.Sc C.S</b>	<b>Subject: - Linux Operating System</b>
<b>Semester:- I</b>	<b>Course code: -USCS103</b>
<b>Exam Event:- Additional Exam Summer 2024 (FH)</b>	<b>Marks: -75</b>
<b>Date: - 22/03/2024</b>	<b>Duration: - 02:30 Hours</b>

- N.B. – 1 – All questions are compulsory.**  
**2 – All questions have internal choice.**  
**3 – Figures to the right indicate full marks.**

**Q. 1) Answer the following Question. (Any 4 Out of 6) 20**

1. Explain Architecture Of Linux.
2. Define The Term: GNU Information, Linux Distribution.
3. Explain given command: cat, zip, unzip, cat, hostname.
4. Describe any five attributes.
5. Give the working of following commands: head, tail, sort, uniq, wc.
6. Explain Various file types.

**Q. 2) Answer the following Question. (Any 4 Out of 6) 20**

1. Discuss SSH working.
2. Explain awk editor.
3. Describe changing Security Settings.
4. Define sudo command.
5. State and Explain uses of roots.
6. Explain understanding ssh.

**Q. 3) Answer the following Question. (Any 4 Out of 6) 20**

1. Describe using multiple commands.
2. Explain the term: Environment variable, user variable.
3. What is the working of expr command?
4. Explain Redirecting input and output.
5. State and Explain working with the if-then statement.
6. Explain test command.

**Q. 4) Answer the following Question. (Any 5 Out of 6) 15**

1. Explain the working of given command: rm, cp, mv, cat, rename.
2. What do you mean by Attributes.
3. Discuss working of vi editor.
4. Explain Telnet.
5. State and Explain sed editor.
6. Explain FTP.