**Q1: Find a stationary distribution for a Markov chain with three states of 0, 1, 2 having transition matrix P:**

**Q2: Find a stationary distribution for a Markov chain with three states of 1, 2, 3 having transition matrix P:**

**Diagram

Description automatically generated**

|  |  |  |  |  |
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|  | **BALOCHISTAN UNIVERSITY OF ENGINEERING AND TECHNOLOGY KHUZDAR**  **DEPARTMENT OF MECHANICAL ENGINEERING**  **M.E Fourth Semester Examination 2022**  **Last Date: 13-11-22** | | | |
|  | **Department:** | **MED** | **ASSIGNMENT** | **01** |
| **Subject:** | **Operation Research** | **Code:** | **ME- 508** |