

**BALOCHISTAN UNIVERSITY OF ENGINEERING & TECHNOLOGY KHUZDAR**

DEPARTMENT: Electronics EXAMINATION: Mid Term 2024

SUBJECT: Artificial Intelligence CODE: EE-312

SEMESTER: B.E (7th Semester) Max: Marks: 20 Time Allowed: 60 Minutes

Note: Attempt All questions

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| **Q.NO** | **Description** | **Marking Scheme** | **CLO/PLO** | **Bloom** |
| 1. | 1. Definition Artificial Intelligence (AI). 2. Explain the goals of Artificial Intelligence (AI). 3. Discuss the types and Applications of AI. | 01  02  02 | CLO-1  PLO-2 | C-3 |
| 1. Consider the problem of assigning four jobs to four machines. The assignment costs are given as follows. Determine the minimum cost.     Figure: 1 | 05 | CLO-1  PLO-1 | C-1 |
| 2. | 1. Define Agents of Artificial Intelligence. 2. Define Traversal Algorithm. | 02  03 | CLO-1  PLO-1 | C-1 |
| 1. Discuss the advantages and disadvantages of Breadth First Search Algorithm. 2. Apply the Breadth First Search and Depth First Search Algorithm, to find the Visiting and Exploration Vertex.     Figure: 2 | 02  03 | CLO-1  PLO-1 | C-1 |

***THE END***