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| **P.V.P Siddhartha Institute of Technology** | | | | | | | |
| **Department of Computer Science and Engineering** | | | | | | | |
| **Course: B. Tech** | **Year: III** | | | **Semester: I** | **Assignment I** | **A.Y:2024-2025** | |
| **Subject Code: 20CS4501D** | | **Subject Name: ARTIFICIAL INTELLIGENCE** | | | | | **Regulation:PVP20** |
| **CLASS: III CSE(G2)** | | | **Maximum Marks: 5 Marks** | | | | |
| **Answer all the Questions. Each Question carries 5 Marks 3×5M=15M** | | | | | | | |

Students are assigned the task of completing the Student Enablement Program on Artificial Intelligence offered on the Infosys Springboard platform.

Infosys spring board: 3 courses + 1 certification

Few students are given Q& A as assignment

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| **Q.No** | **Question** | **CO** | **Level** |
|  | Illustrate the structure of agents | CO1 | L2 |
|  | Illustrate a medical diagnosis system by using PEAS factors | CO1 | L3 |
|  | What is problem solving? Demonstrate the solution for searching with suitable example. | CO4 | L3 |
|  | Explain Alpha-Beta pruning algorithm with an example | CO2 | L3 |
|  | Explain in detail about knowledge based agents | CO2 | L2 |
|  | Discuss any 6 successful applications of AI along with the foundations required to build the applications | CO1 | L2 |
|  | Explain the following types of Hill-Climbing search techniques.   1. Simple Hill climbing 2. Steepest-Ascent Hill climbing | CO2 | L3 |

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| **P.V.P Siddhartha Institute of Technology** | | | | | | | |
| **Department of Computer Science and Engineering** | | | | | | | |
| **Course: B. Tech** | **Year: III** | | | **Semester: I** | **Assignment II** | **A.Y:2024-2025** | |
| **Subject Code: 20CS4501D** | | **Subject Name: ARTIFICIAL INTELLIGENCE** | | | | | **Regulation:PVP20** |
| **CLASS: III CSE(G2)** | | | **Maximum Marks: 5 Marks** | | | | |
| **Answer all the Questions. Each Question carries 5 Marks 3×5M=15M** | | | | | | | |

**Assignment II: Create a video presentation on a topic.**

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| --- | --- |
| **Roll Number** | **Drive link** |
|  |  |
| 22501A0505 | https://drive.google.com/drive/folders/1z7tCs2BdpGkOOnhZo0Zg9tPFiUUkeYDu?usp=sharing |
| 22501a0511 | https://drive.google.com/drive/folders/1j9hxE0CrI91TxNXz3PhR25vyb3EBqNq\_ |
| 22501A0514 | https://drive.google.com/drive/folders/1r-HOAAewr90ZPvQmKxmGrTMix3aitcts?usp=sharing |
| 22501A0515 | https://drive.google.com/file/d/1q67MkeuvUKdXHnQPuQDaYNvqaSwJQ3t6/view?usp=sharing |
| 22501A0527 | https://drive.google.com/file/d/1\_Tc72NkebUDTiZHUwfbNM7PKrk1ZHmu0/view?usp=drive\_link |
| 22501A0528 | https://drive.google.com/file/d/1jTDgnaHT62c733CSCeLnZiP7ugZg1VFh/view?usp=sharing |
| 22501A0530 | https://drive.google.com/file/d/1msAfdCId66rzkvTjkqf\_9TQYky57vclP/view?usp=sharing |
| 22501A0533 | https://drive.google.com/file/d/1r8ErEag\_NG99aI7Yu361zZyq4TQ9ECB-/view?usp=drive\_link |
| 22501A0534 | https://drive.google.com/file/d/156LYQ8dMX72UqCnJ2W9V1-\_mM3tBvIS0/view?usp=sharing |
| 22501A0536 | https://drive.google.com/file/d/1Enz6P-b96-fmb1hrCJah-j\_Zk7L3noCa/view?usp=sharing |
| 22501A0537 | https://drive.google.com/file/d/1tpAreHP3A9NVDyGULizLVJDcVe-9tgDM/view?usp=sharing |
| 22501A0538 | https://drive.google.com/file/d/1keGgNPYlAXNU65x8gDBQeS3EGyVCrgpr/view?usp=sharing |
| 22501A0539 | https://drive.google.com/file/d/1XsjOvA5LdDxOBgq6Aed\_hWb8TERVcJlO/view?usp=sharing |
| 22501A0541 | https://drive.google.com/file/d/1A5130gsDpW\_zauRR37ZLw471KK\_2cg6V/view?usp=sharing |
| 22501A0541 | https://drive.google.com/file/d/1eVfkWdrMr7T-JXbIHTk1chAsZEOa4N1H/view?usp=sharing |
| 22501A0542 | https://drive.google.com/file/d/1GsFwOGDQp-4exBGYxDyH2P11foQOH3Np/view?usp=sharing |
| 22501A0543 | https://drive.google.com/drive/folders/1GRKzjpHsFdUhlvT\_EwP3FNvkG27sozCk |
| 22501A0546 | https://drive.google.com/file/d/10RdNMi6PBjzAuLsWcd34kkoBxwbaLsDG/view?usp=sharing |
| 22501A0548 | https://drive.google.com/file/d/14gTlIMomd4pew8QCc46-VXeV3Luh00gy/view?usp=sharing |
| 22501A0549 | https://drive.google.com/file/d/1jlbXEbNwWwcjJ9ZOsG8-YdYwR6a5DaR7/view?usp=sharing |
| 22501A0550 | https://drive.google.com/file/d/1ucoUz7enFpcOfwJXJ3cVq-JN-0mYNWcQ/view?usp=sharing |
| 22501A0552 | https://drive.google.com/file/d/1JmCtCMgS2E4ORysJKjMfOWBm5hPVI0K6/view?usp=sharing |
| 22501A0553 | https://drive.google.com/file/d/1tEilrFNRbql6bzPfi0IJFmvE2vAFM6SF/view?usp=sharing |
| 22501A0554 | https://drive.google.com/file/d/1F5noOkxmdJvZvo6juTAd3myS-UNCnKU0/view?usp=drive\_link |
| 22501A0555 | https://drive.google.com/file/d/1lJXyMbuZ58xySy6LeFErzmLEGVFa8Zc8/view?usp=drivesdk |
| 22501A0556 | https://drive.google.com/file/d/1-SY8roYhFD59ydaNosmwW09oZW5R6v1J/view?usp=drivesdk |
| 22501A0557 | https://drive.google.com/file/d/1KoYO3kM4oTqXi3w7jlvWwCvl4\_qwu3d0/view?usp=sharing |
| 22501A0558 | https://drive.google.com/file/d/14oVjBzVY-lOaRDzGHGz1vNU6dUnw8U7N/view?usp=sharing |
| 22501A0559 | https://drive.google.com/file/d/16MJx-z-gjNd3eF0xuogfuH2CrO-vGZup/view?usp=sharing |
| 22501A0561 | https://drive.google.com/file/d/1XwmHCAHhaTzQgPy99as98teoCsdJ6qhm/view?usp=drivesdk |
| 22501A0562 | https://drive.google.com/file/d/1FtI-k1v9A63rn9yoHhDemqZwl9nL1FEn/view?usp=sharing |
| 22501A0571 | https://drive.google.com/file/d/11otJv\_FJ58mQ7AzqFvV8ic59YvqMTvN\_/view?usp=drivesdk |
| 22501A0572 | https://drive.google.com/file/d/18Bf3hWmVU1U\_J3Zg6BgD6-H\_nHtQHv8l/view?usp=drivesdk |
| 22501A0579 | https://drive.google.com/file/d/1wlonlIrERcAcg4ALMX7xKuBtnRlpn3iO/view?usp=sharing |
| 22501A0580 | https://drive.google.com/file/d/1J9aK3cUreqdQKf5TvnYsGd5amR\_F-Tuz/view?usp=drive\_link |
| 22501A0584 | https://drive.google.com/file/d/1zdMXPg4T3r6ltl5iZwWUIjvulke7HQ6d/view?usp=sharing |
| 22501A0594 | https://drive.google.com/file/d/1BVNft-MVnYuUd3Hx6Pa9hHodGkYhMdKd/view?usp=drive\_link |
| 22501A0595 | https://drive.google.com/file/d/14WxkJ9fjIrbQZzTClDa-5eEpforDLDZD/view?usp=sharing |
| 22501A05A0 | https://drive.google.com/file/d/1kbwzjrNkPFfjoE2xWI-KOLkHGq8VXiGe/view?usp=drivesdk |
| 22501A05A5 | https://drive.google.com/drive/folders/1w2R2tWtwDkNPB\_bDqRUFLQEZWUrrxBdf?usp=drive\_link |
| 22501A05B1 | https://drive.google.com/file/d/1xB6XmaGH0DtYGUO3L2Q\_yS9ENZeRnfwT/view?usp=drivesdk |
| 22501A05B6 | https://drive.google.com/file/d/1R9xKnNdoCtzqRg7Pu\_pSUJ7pwV7-e3KC/view?usp=sharing |
| 23505A0505 | https://drive.google.com/file/d/1F8Gg\_bfeMf1kowGGXTnogHhr0031y2hj/view?usp=sharing |
| 23505A0506 | https://drive.google.com/file/d/1jx9QlGVLOboUs5a3S8fc3ccvQdl8UvQe/view?usp=drive\_link |