| Name: <br> Enrolment No: |  |
| :---: | :---: |
| UNIVERSITY OF PETROLEUM AND ENERGY STUDIES <br> End Semester Examination, May 2020 |  |
| Programme Name: B.Tech ADE | Semester : VIII |
| Course Name : Operations Research | Time : 03 hrs |
| Course Code : ADEG461 | Max. Marks: 100 |
| Nos. of page(s) : 3 |  |
| Instructions: |  |




| Section B |  |  |  |
| :--- | :--- | :--- | :--- |
| Q7 | Explain industrial application of Linear Programming. | 10 | CO1 |
| Q8 | Compare transportation model with assignment model. | 10 | CO2 |
| Q9 | Explain the terms activity, event, network and path. | 10 | CO1 |
| Q10 | Explain properties of a game. | 10 | CO2 |
| Q11 | Explain any two queuing model with help of suitable examples. | 10 | CO3 |


| Section C |  |  |  |
| :--- | :--- | :--- | :--- |
| Q12 | Write different steps to solve LPP by BIG M method | 20 | CO2 |

