|  |
| --- |
| **Scheme of Valuation/Answer Key**(Scheme of evaluation (marks in brackets) and answers of problems/key) |
| **APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY**V SEMESTER B.TECH DEGREE EXAMINATION, DECEMBER 2018 |
| **Course Code: CE369** |
|

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| **Course Name: DISASTER MANAGEMENT** |

 |

 |

 |

 |

 |
| Max. Marks: 100 |  | Duration: 3 Hours |
|  |
| **PART A**  |
|  |  | ***Answer any two full questions, each carries 15 marks.*** | Marks |
| 1 | a) | Definition of hazardDefinition of Vulnerability | (2)(2) |
|  | b) | Any six points with flowchart or any diagrammetric representation | (6) |
|  | c) | Any five factors | (5) |
| 2 | a) | Definition of exposureDefinition of Risk | (2)(2) |
|  | b) | Different types of natural disasterAny four natural disaster and impact  | (2)(4) |
|  | c) | Any five methods to prevent in future | (5) |
| 3 | a) | Any four differences  | (2) |
|  | b) | . Causes of earthquakeClassification of earthquake Expalanation any three | (2)(2)(3) |
|  | c) | Any five impact of Earthquake | (6) |
| **PART B** |
| ***Answer any two full questions, each carries 15 marks.*** |
| 4 | a) | Any four differences | (4) |
|  | b) | Any six methods to prevent soil erosion | (6) |
|  | c) | Any five solutions for soil desertification. | (5) |
| 5 | a) | Definition and causes of storm surges | (4) |
|  | b) | Types of cyclones  | (4) |
|  | c) | Any five causes and effects | (7) |
| 6 | a) | Classification of Tsunami.Impacts Any four methods to mitigate such incidence. | (2)(2)(2) |
|  | b) | Classification Any four nature and impact of flood  | (2)(4) |
|  | c) | Any three solution for soil degradation | (3) |
| **PART C** |
| ***Answer any two full questions, each carries 20 marks.*** |
| 7 | a) | Any three effects of air pollution on human health Any three effects of air pollution on animals. | (4)(4) |
|  | b) | Any Six factors responsible for air pollution in rural areas  | (6) |
|  | c) | Function of Disaster Management.Responsibility of Disaster Management. | (3)(3) |
| 8 | a) | Any six human activities responsible for air pollution | (6) |
|  | b) | Any six general list of important actions required in a disaster. | (6) |
|  | c) | Any eight specificpreparedness measures to be taken for disaster. | (8) |
| 9 | a) | All the factors responsible for water pollution. | (6) |
|  | b) | All the steps includedin local disaster management plan. | (8) |
|  | c) | Management plan steps to reduce disaster | (6) |
| \*\*\*\* |