|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **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 hazard  Definition of Vulnerability | | | (2)  (2) |
|  | b) | Any six points with flowchart or any diagrammetric representation | | | (6) |
|  | c) | Any five factors | | | (5) |
| 2 | a) | Definition of exposure  Definition of Risk | | | (2)  (2) |
|  | b) | Different types of natural disaster  Any 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 earthquake  Classification 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) |
| \*\*\*\* | | | | | |