BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(MID SEMESTER EXAMINATION)

CLASS: BE   SEMESTER: VII
BRANCH: CIVIL   SESSION : MO/2019

SUBJECT : CE7013 DISASTER MANAGEMENT

TIME: 1.5 HOURS   FULL MARKS: 25

INSTRUCTIONS:
1. The total marks of the questions are 30.
2. Candidates may attempt for all 30 marks.
3. In those cases where the marks obtained exceed 25 marks, the excess will be ignored.
4. Before attempting the question paper, be sure that you have got the correct question paper.
5. The missing data, if any, may be assumed suitably.

Q1   (a)   What is Cyclogenesis?   [2]
     (b)   Write short notes on Tsunami.   [3]

Q2   (a)   Define Disaster and Risk.   [2]
     (b)   What are the 3 nodal centers of disaster management in India and explain their functions.   [3]

Q3   (a)   What are the components of a Disaster management Plan?   [2]
     (b)   Write your observations on cyclone mitigation initiatives and techniques in India.   [3]

Q4   (a)   What should be the role NIDM in Disaster management? Which national level policy has   [2]
           been framed to monitor and mitigate disasters in India?
     (b)   What are the parameters and criteria's for identifying cumulative Hazard? Discuss each   [3]
           criteria without scores.

Q5   (a)   Compare Rehabilitation and Reconstruction using examples.   [2]
     (b)   What are the roles of FAO and RED Cross in managing disasters?   [3]

Q6   (a)   Justify the functions of Media in Disaster Management.   [2]
     (b)   Prepare a Disaster management Plan for a city having a population of 300000 with 50%   [3]
           aging population, and 20% below the age of 16. Assume that it is affected by Tsunami.
           Justify your answer using assumptions.

:::: 23/09/2019M ::::::