

Unit IV

Disaster management in developed and developing nations.
Disaster diplomacy through disaster related factors.

Books Recommended:

Bourriau, Janine; **Understanding Catastrophe**; Cambridge University Press, Cambridge, 1992.

Carter, W. Nick; **Disaster Management A Disaster Manager s Handbook** A.D.B., Manilla, Philippines, 1991.

Coppola, P. Damon, **Introduction to International Disaster Management** Elsevier, Oxford, 2006.

Garlake, Teresa, **Dealing with Disasters** Oxfam, Oxford, 2000.

Goel SL and Ram Kumar, **Disaster Management** Deep & Deep Publications, New Delhi, 2001.

Goel, S.L. **Encyclopedia of Disaster Management**, Deep and Deep

Books Recommended:

Bawa, Noorjahan (ed.) **Non Government Organisations in Development: Theory and Practice**, Kanishka Publishers, New Delhi, 1997.

Carter, W. Nick, **Disaster Management A Disaster Manager s Handbook** A.D.B., Manilla, Philippines, 1991.

Cutter, Susan L. (Ed.): **Environmental Risks and Hazards** Prentice Hall, New Delhi, 1999.

Garlake, Teresa, **Dealing with Disasters** Oxfam, Oxford, 2000.

Government of India, **An Action Plan to bring about Collaborative Relationship between Voluntary Organizations and Government**, CAPART, Government of India, New Delhi, 1994.

Government of India/United Nations Development, **Disaster Risk Management Programme 7**: Community Based Disaster Preparedness and Risk Reduction Through Participation of Committees and Local Self Governments.

Kamta Prasad (ed.), **NGOs and Socio Economic Development Opportunities**

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Stephens, Lynn H. and Green, Stephan J; **Disaster Assistant Appraisal Reform and New Approaches**; McMillan, New York, 1979.

Wilson, R. and E.A.C. Crouch, **Risk assessment and comparisons: An Introduction**, Science, Washington, 1987.

Paper : Disaster Management Structure Coordination Response

M. Marks	: 100
Theory	: 80 marks
Int. Ass.	: 20 marks
Time	: 3 hours

Objective: - The course will dwell on the standard operating procedures and contingency planning related to disaster management.

NOTE: There shall be 9 questions in all. The first question is compulsory containing 15 short answer type questions spread over the whole syllabus to be answered in about 25 to 30 words each. The candidates are required to attempt any 10 short answer type question carrying 20 marks of 2 marks each. Rest of the paper contain 4 units. Each unit shall have two questions and the candidates shall be given a choice of attempting one question from each unit – 4 in all. Each question will carry 15 marks.

Unit I

Planning and designing disaster management strategies, policies, schemes, Standard Operating Procedure for enhancing preparedness and capabilities at National and Regional level at the time of disaster/war like situation.

Unit II

Unit III

Disaster Management training – Policies, emergency management teams, managing media and the Role of Information Technology.

Capacity Building and Role of Leadership in Disaster Management.

Unit IV

Case Study/examples from recent disasters.

Books Recommended:

Delmar, **Fire Fighter s Handbook**; Stanford Thomson Learning (U.S.A.), 2000

Government of India, The Department of Atomic Energy **An Overview of The Emergency Response Plans** www.dae.gov.in,

Kirschenbaun, Alan, **Chaos Organization and Disaster Management** Marcel Dekker, 2004.

Krajewski & Ritzman, **Operation Management Strategy Analysis**

Parasuram, S. and Unnikrishnan, P.V. (Ed.), **India Disasters Report Towards a policy initiative** Oxford University Press, New Delhi, 2000.

Rao R Ramesh, Jon Eisenberg & Ted Schmitt, **Improving Disaster Management: The Role of IT in mitigation preparedness response and recovery**, National Academy of Science, Washington, 2001.

S.N. Charry, **Production Operation Management** Tata McGraw Hill, New York, 2005.

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Unit II

Mobilization of available and non-available resources

Social and economic upliftment measures: capacity building for re-construction and rehabilitation, fostering skills of livelihood, training and awareness programme, medical aid and counselling.

Unit III

Relocation and re-construction of housing, buildings, roads, dams, bridges, archives, monuments including water supplies, electricity, communication, waste management.

Socio-economic and psychological effects of disasters on victims.

Unit IV

Legal provisions of Disaster Management

Books Recommended:

Anderson, James E., **Public Policy Making: An Introduction** Houghton-Mifflin, Boston, 2005.

Asian Development Bank, **Disaster Mitigation in Asia and the Pacific** Manila: ADB, 1991.

Paper : War and Disaster Management

M. Marks : 100
Theory : 80 marks
Int. Ass. : 20 marks
Time : 3 hours

Objective: -The paper will address various aspects of war and non-war situation causing disasters including the role of security forces.

NOTE: There shall be 9 questions in all. The first question is compulsory containing 15 short answer type questions spread over the whole syllabus to be answered in about 25 to 30 words each. The candidates are required to attempt any 10 short answer type question carrying 20 marks of 2 marks each. Rest of the paper contain 4 units. Each unit shall have two questions and the candidates shall be given a choice of attempting one question from each unit – 4 in all. Each question will carry 15 marks.

Unit I

War and Disaster – socio-economic, political, military, health and environmental effects. Lessons learnt and needs identified.

Lethal aspects of conventional wars causing disasters and such like situations.

Unit II

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Unit IV

Government preparedness in dealing with disasters during pre-war and post-war period.

Role of Para-military forces and armed forces in dealing with disaster management.

Books Recommended:

Alan M Levitt, **Disaster Planning and Recovery: a guide for facility professionals** Wiley, New York, 1997.

Bourreair Janine, **Understanding Catastrophe** Cambridge University Press, Cambridge, 1992.

Cashman, John R; **Hazardous Materials Emergencies The Professional response Team** Technomics Publishing Co., U.S.A., 1995.

Kirchenbaum Alan, **Chaos Organisation and Disaster Management**, Marcel Dikker, New York, 2004.

Parasuraman S, Unnikrishnan PV. **India Disaster Report: Towards a policy initiative** Oxford University Press, New Delhi, 2000.

Pierre Perrin, **Communicable diseases Handbook of Disaster Medicine** Ed. Jan de Boer & Marcel, Dubouloz, Hentenaar boek BV, Nieuwegein, Netherlands, 2000.

Stephen Green, **International Disaster Relief Towards a Responsive System** McGraw Hill, New York, 1977.

Ursano Robert J, M.D. and Norwood Ann E, M.D. **Trauma and Disaster Responses and Management** Review of Psychiatry, Volume 22, American Psychiatric Publishing Inc., 2003.

Ursano Robert J., C Fullerton Carol S, Norwood Ann E, **Terrorism and Disaster Individual and Community Mental Health Interventions**, Cambridge University Press, Cambridge, 2003.

Paper 6: Project Report and Viva Voce

M. Marks	: 100
Project Report	: 70 Marks
Viva Voce	: 30 Marks

Objective: - The paper will be compulsory and shall include sand model discussion, scenario building, black board exercises, management games and exercises on 4mmcis

