

PANJAB UNIVERSITY, CHANDIGARH
(Estd. under the Panjab University Act VII of 1947- enacted by the Govt. of India)

FACULTY OF ARTS

SYLLABI

FOR

**POSTGRADUATE DIPLOMA
IN
DISASTER MANAGEMENT AND SECURITY
(SEMESTER SYSTEM)
EXAMINATIONS, 2016-2017**

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AFJAB FIVE Y CHAFDIGHA H

Outlines of tests, syllabi and courses of reading for Postgraduate Diploma in Disaster Management and Security (Semester System) for the examinations of 2016-17.

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<u>Co</u>		<u>Int</u> <u>Ass</u>
<u>st r. I</u>		
Paper-I	Disaster Management – Conceptual Framework	80 20
Paper-II	Risk Factor, Crisis Management & Role of NGOs	80 20
Paper-III	Disaster Management Structure – Coordination & Response	80 20
Paper IV	Project report based on field study+Viva –voce Examination	40 + 10
<u>st r. II</u>		
Paper-V	Disaster Management – Relief and Rehabilitation	80 20
Paper-VI	War and Disaster Management	80 20
Paper-VII	Dissertation + Viva-Voce Examination	70 + 30

p r. l D s s t r n n t C o n p t u F r o r

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

t v : - The course will provide general insight to underst

Books on

1. Bourriau, Janine; **Introduction to Contract Law**. Cambridge University Press, Cambridge, 1992.
2. Carter, W. Nick; **Dispute Resolution, Arbitration and Mediation**. A.D.B., Manila, Philippines, 1991.
3. Coppola, P. Damon, **Introduction to International Dispute Resolution**

p r i l s F tor Cr s s n nt o o FG s

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

t v :- The course objective is to explore the risk factor and analyze role of the government and other agencies as tools of crisis management group.

F y E 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

1. Definition of risk, fundamentals and concept of risk analysis and risk assessment
2. Environmental hazards exposure and Disaster Management
3. Disaster mitigation, methodology of stock taking

Unit II

4. Identifying potential crisis situations – preparing sound crisis management plan, (crisis communication, stress management, crisis operational guidelines)
5. Global Climate Change & Disaster Risk Reduction Framework

Unit III

6. International and Interstate cooperation amongst Non-Government Organizations for Disaster Management
7. The role of Corporates, Civil Society/ Community in Disaster Management

Unit IV

8. Disaster Appreciations based on Mock drill exercises
9. Role of specialized agencies like Red-Cross and other functionaries in Disaster Management

Books on

1. Bawa, Noorjahan (ed.) **Disaster Management and Development for the Rural Areas**, Kanishka Publishers, New Delhi, 1997.
2. Carter, W. Nick, **Disaster Management, A Disaster Response Handbook** A.D.B., Manila, Philippines, 1991.
3. Cutter, Susan L. (Ed.): **Environmental Hazards** Prentice Hall, New Delhi, 1999.
4. Garlake, Teresa, **Disaster Disasters** Oxfam, Oxford, 2000.
5. Government of India, **Annual Report on Disaster Management**, CAPART, Government of India, New Delhi, 1994.
6. Government of India/United Nations Development, **Disasters in the Rural Area: Community Based Disaster Preparedness and Risk Reduction Through Participation of Committees and Local Self Governments**.
7. Kamta Prasad (ed.), **Disasters and Economic Development Opportunities** Deep and Deep Publications, New Delhi, 2000.
8. Meher Nanavaty and Kulkarni P., **Disaster and Community Development** Uppal Publishing House, New Delhi, 1998.
9. Modh Satish **Disasters and Disaster Management: How to Overcome the Potential**, McMillan India 2006.
10. Mukhopadhaya, A.K., **Disaster Management and Insurance**, Newage International Publications, New Delhi, 2005.
11. Otto Lerbinger, **Disaster and Financial Responsibility** Lawrence Erlbaum Associates, New Jersey, 1997.
12. R.B. Jain, **Disaster Management and Response** Vivek Prakashan, New Delhi, 1995.
13. Sahni, P. and Ariyabandu, M.M., Malagoda, M. (eds.) **Disaster Management: A Study of Legislations in Select Countries**, Prentice Hall, New Delhi, 2004.
14. Singh SS, Pratap Sanjay, National Centre for Disaster Management, **Disaster Management: A Study of Legislations in Select Countries**, Indian Institute of Public Administration, 2000.
15. Sinha, P.C. (Ed.): **Disaster Management** Anmol Publications, New Delhi, 1998.
16. Stephens, Lynn H. and Green, Stephan J; **Disaster Assessment, Approaches and Procedures** McMillan, New York, 1979.
17. Wilson, R. and E.A.C. Crouch, **Disasters and Disasters: An Introduction**, Science, Washington, 1987.

p r. III D s s t r n n t t r u t u r , C o o r n t o n , s p o n s

Conclusion

5. Case Studies(examples from recent disasters in India)

Books

1. Delmar, **Fr F t r s H n oo** . Stanford Thomson Learning (U.S.A.), 2000.

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E E γ E . II

7. Legal provisions of Disaster Management in India

Books

1. Anderson, James E., **Introduction to Disaster Management** Houghton-Mifflin, Boston, 2005.
2. Asian Development Bank, **Disaster Management in Asia** Manila: ADB, 1991.
3. Collins Larry R. and Scheind Thomas, **Disaster Management: Principles and Practice** Taylor and Francis, 2000.
4. **Disaster Management** UNDRO Publications, Geneva, 1984.
5. Garlake, Teresa, **Disasters** Oxfam, Oxford, 2000.
6. Green, Stephan, **Introduction to Disaster Management**, **Disaster Management: Principles and Practice** McGraw Hill, New York, 1997.
7. P. Michale Vetha Siromony (Ed.), **Our Book on Disaster Management** Ministry of Agriculture, Government of India, 2000.
8. Schneid Thomas D. and Collins Larry **Disaster Management: Principles and Practice** Lewis Publishers, New York, 2001.
9. Stephens, Lynn H. and Green, Stephan J; **Disaster Assistance, Approaches and Frameworks** McMillan, New York, 1979.
10. Waugh, William L, Jr. and Ronald John, **Functions of Emergency Management** Greenwood Press, New York, 1990.
11. Waugh, William L, **Disaster Management: Principles and Practice** M.E. Sharpe, New York, 2000.

p r i n c i p a l s o f D i s a s t e r M a n a g e m e n t

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

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

F y E 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.

t o n . I

1. War as Disaster – socio-economic, political, military, health and environmental effects
2. Lethal aspects of conventional wars causing disaster like situations

t o n . II

3. Fundamental of Nuclear War aspects – includes disasters caused by nuclear weapons, nuclear radiation, nuclear power plant accidents, dirty bombs, nuclear wastes, use of depleted uranium and nuclear terrorism. Protective measures from nuclear disasters
4. Fundamentals of Biological war – Categorization of biological hazards, communicable diseases and bio-terrorism. Protective measures from biological disasters

t o n . III

