

**PANJAB UNIVERSITY, CHANDIGARH**

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Outlines of tests, syllabi and courses of reading for Postgraduate Diploma in Disaster Management and Corporate Security (Semester System) for the examinations of 2018-19.

**Note:**

The course comprises of 2 semesters. The one year diploma course contains 3 papers in first semester and 3 papers in second semester. Each paper shall be of 100 marks. Paper

I-V shall each consist of written examination of 80 marks and E-90.551(k)31.9149(s)6.( )-47.8723(t)1.40381ti



Disaster Preparedness: Disaster Plan, Damage Inspection, Repair and Recovery procedures, Communication and Control Centres, Disaster Forecasting, Warning and Prediction

**Suggested Readings:**

1. Ahmed, Shaik Iftikhar (2008): Disaster Management in the Wake of a Flood, Twenty First Century Publications, Patiala.
2. Chakraborty, S.C. (2007): Natural Hazards and Disaster Management, Pragatishil Prakashak, Kolkata.
3. Goel. S.L., Kumar, Ram, (2001): Disaster Management Deep and Deep Publications, New Delhi.
4. Goel, S.L. (2006): Encyclopaedia of Disaster Management, Deep and Deep Publications, New Delhi.
5. Kapur, A. (2005): Disasters in India: Studies of Grim Reality, Rawat Publications, Jaipur.
6. Kapur, A, (2010): Vulnerable India: A Geographical Study of Disasters, Sage Publications, New Delhi.
7. Narayan, B., (2000): Disaster Management; APH Publishing Corporation, New Delhi.
8. Pasricha, Ashu,(2014): Disaster Management and Strategies: Concept and Methods. Risk Reduction & Insurance: Experiences &Case Studies, Regal Pub, New Delhi.
9. Sahni, Pardeep, et al., (eds.) (2002), Disaster Mitigation Experiences and Reflections, Prentice Hall of India, New Delhi.
10. Sinha, P.C. (Ed.) (1998): Encyclopaedia of Disaster Management; Anmol Publications, New Delhi.

**Paper II- Human Resource Management**

Max Marks: 100

Theory Paper: 80

Internal Assessment: 20

Time: 3 Hours

**Objective-** Main objectives of this paper are to familiarize the students with the Human Resource Management in Disaster management.

**Note:**

1. A compulsory question containing 15 short answer type questions shall be set covering the whole syllabus. The student shall attempt any 10 parts in about 25-30 words each. Each part shall carry 2 marks (total 20 marks).

2. A total of eight questions will be set out of the whole syllabus, at least two from each unit. The candidates will attempt four questions selecting one from each unit carrying 15 marks each. These will be in addition to the compulsory question at serial number I.
3. The theory question paper will be of 80 marks and 20 marks will be for internal assessment.

### **Unit- 1**

Institutional Framework of Disaster Management in India

Principles and Practice of Disaster Response Operations and Management, Disaster Planning, Emergency Management, Incident Command Centre, Training Need Analysis and Human Resource Development Plan

Corporate/Public Agency Coordination, the Human Element in Preparedness Planning, Current Trends in Disaster Preparedness.

### **Unit- 2**

Community Participation in Disaster Management and Risk Reduction

Role and responsibility of Central, State, District and Local Administration

Role of Armed Forces, Police, Para-Military Forces, Civil Defence

Role of National Service Scheme, NGO's, Media and International Agencies

### **Unit- 3**

Disaster Management Training – Policies, Emergency Management Teams, Managing Media

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- 4**

Relocation, Re-Construction and Redevelopment of Housing, Corporate Buildings, Roads, Dams, Bridges, Archives, Monuments including Water Supplies, Electricity, Communication, Waste Management.

Allocation and Management of Resources:

- a. Financial Aid/ Resources
- b. Medical Resources
- c. Electrical, Mechanical and Engineering Resources
- d. Communication Resources (including its integration with command and control mechanism)
- e. Transportation Resources

- f. Food and Essential Commodity Resources
- g. Human Resources
- h. Infrastructure Restoration and Build Up

**Suggested Readings:**

1. Government of India/United Nations Development, Disaster Risk Management Programme (2002-07): Community Based Disaster Preparedness and Risk Reduction Through Participation of Committees and Local Self Governments.
2. Kamta Prasad (ed.), (2000): NGOs and Socio-Economic Development Opportunities, Deep and Deep Publications, New Delhi.
- 3.

1. A compulsory question containing 15 short answer type questions shall be set covering the whole syllabus. The student shall attempt any 1

2. Government of India/United Nations Development, Disaster Risk Management Programme (2002-07): Community Based Disaster Preparedness and Risk Reduction through Participation of Committees and Local Self Governments.
- 3.



## **Semester-2**

### **Paper IV- Dynamics of Corporate Security**

Max Marks: 100  
Theory Paper: 80  
Internal Assessment: 20  
Time: 3 Hours

**Objective-**Main objectives of this paper are to familiarize the students with meaning of Corporate Security and disasters in corporate sector.

#### **Note:**

1. A compulsory question containing 15 short answer type questions shall be set covering the whole syllabus. The student shall attempt any 10 parts in about 25-30 words each. Each part shall carry 2 marks (total 20 marks).
2. A total of eight questions will be set out of the whole syllabus, at least two from each unit. The candidates will attempt four questions selecting one from each unit carrying 15 marks each. These will be in addition to the compulsory question at serial number 1.
3. The theory question paper will be of 80 marks and 20 marks will be for internal assessment.

#### **Unit-1**

Corporate Security: Definition, Scope and Objectives, Types, Approaches and Significance.

Laws related to Corporate Security, Emergencies and Civil Defence

#### **Unit- 2**

Disasters in Corporate Sector

Implications of Disaster in Corporate Sector

The use of Information and Technology in Disaster Management by Corporates

#### **Unit- 3**

Security and Safety of Industrial Sector, Types of Security and Functions

Leadership and Management in Industries, Liaison Skills, Communication Skills and Computers Skills

#### **Unit- 4**

**Suggested Readings:**

1. Cabric, M. (2015): Corporate Security Management: Challenges, Risks, and Strategies. Elsevier Inc., Waltham.
2. Campbell, G. (2014): Measures and Metrics in Corporate Security, Elsevier Inc., UK.
3. Crump, J. (2015): Corporate Security Intelligence and Strategic Decision Making. CRC Press, Boca Raton.
4. Hamner, M., Stovall, S.,Tahanersh, D., Brahim, S., (2015): Emergency Management and Disaster Response Utilizing public-Private Partnerships. Information Science reference (IGI global), Hershey PA, USA.
5. Holt, T., Schell, B. (2011): Corporate Hacking and Technology-Driven Crime. Hershey, PA, Business Science Reference.
6. Kovacich, G., Halibocek, E. (2003): The Manager's H

3. The theory question paper will be of 80 marks and 20 marks will be for internal assessment.

### **Unit- 1**

Disaster Security Planning and Threat Perception in Corporates

Awareness Programmes in Corporate Sector on:

- a. Action to be taken in case of Bomb Threat,
- b. Handling IED or any objectionable Material in the Premises,
- c. Mob and Strike Control in the Premises
- d. To deal with Hooliganism and Availability of Security Equipment
- e. Corporate and Business Intelligence

### **Unit- 2**

Security Management of Infrastructure in Corporates

Information and Personnel Security Management

People Safety and Security in Corporate

Risk and Insurance- Role of Government and The Private Sector Agencies

### **Unit- 3**

Terrorism: Threat Perceptions, Safeguards and Counter Strategy

Security of Production Line in Corporates

Security of Critical Waste Material and Action to be taken in Case of Mishap in the Installations

### **Unit- 4**

Responses, Human Behaviour and Role of Leadership in Disasters

Capacity Building Training in Corporate Sector:

- a. Fire Prevention and Fire Fighting
- b.

5. Improving Corporate Value Through Disaster Management: Prospects of Socially Responsible Investment (SRI) for Disaster Reduction, Issue 54 of Development Bank of Japan research report, (2005), University of California.
6. Kayden, S., Anderson, P., Freitas, R., Platz, E., (2015): Emergency Department Leadership and Management, Cambridge University Press, U.K.
7. Kovacich, G., Halibozek, E., (2003): The Manager's Handbook for Corporate Security. MA: Butterworth-Heinemann., Boston.
8. Murphy, R. (2009). Leadership in Disaster: Learning for a Future with Global Climate Change, McGill-Queen's University Press, Montreal.
9. Panko, R. (2016). Corporate Computer and Network Security, Pearson Education India, New Delhi.
10. Pasricha, Ashu,(2014): Disaster Management and Strategies: Concept and Methods, Risk Reduction & Insurance: Experiences &Case Studies, Regal Pub, New Delhi.
11. Patterson, T., Blue, S. (2005): Mapping Security: The Corporate Security Sourcebook for Today's Global Economy, Upper Saddle River, NJ: Addison-Wesley.
12. Tomaszewski, B., (2015): Geographic Information Systems (GIS) for Disaster Management, CRC Press, Boca Raton.

**Paper VI- Project Report + Viva-Voce**

Project Report : 70 marks  
 Viva-voce : 30 marks

Project report based on Case Studies and Field Study/Survey

**Note:** 1) Project Report will be compulsory.

- 2) Each student is required to take up a project based on fieldwork.
- 3) The students have the liberty to select any topic related to Disaster management & Corporate Security issues, and may conduct the research/field work in the geographical area of their choice.
- 4) For successful completion of the diploma, each student is required to submit a typed project report on a given date in the month of March (3<sup>rd</sup> Week) and make a viva-voce of the same before the examiner at the end of the course.
- 5) The viva-voce will be held in USOL, Panjab University, Chandigarh only.

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