

English

for the Students of

Disaster Management

&

Related Subjects

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Table of content

Page

Preface

Human Body

Unit 1:	Human Body (1)	1
Unit 2:	Human Body (2)	9
Unit 3:	The Nervous System	17
Unit 4:	The Skeletal System	25
Unit 5:	The Muscular System	33

First -aids & Medical Emergencies

Unit 6:	Disease Precautions	41
Unit 7:	Immediate Threats to Life	49
Unit 8:	Bleeding & Shock	57
Unit 9:	Wounds	65
Unit 10:	Dressing & Bandages	73
Unit 11:	Burns	81
Unit 12:	Sudden Illnesses	89
Unit 13 :	Poisoning	97
Unit 14:	Rescuing	105
Unit 15:	Triaging	113
Unit 16:	The pandemic diseases	121

Natural Disasters

Unit 17:	Recovering Home after a Disaster	129
Unit 18:	Coping with Disaster & How help children to cope	137
Unit 19:	Needs Assessment of humanitarian Crisis (1)	145
Unit 20:	Needs Assessment of humanitarian Crisis (2)	153

Unit 21:	Earthquake (1)	161
Unit 22:	Earthquake (2)	169
Unit 23:	Thunderstorm and Lightning	177
Unit 24:	Landslide	185
Unit 25:	Flood & Tsunami	193
Unit 26:	Winter Storms & Avalanche	201
Unit 27:	Hurricane & Tornado	209
Unit 28:	Fire/ Wild land fire	217
Unit 29:	Drought, Dust Storm & Famine	221

Technological Hazard's

Unit 30:	External Radiation	233
Unit 31:	Internal Radiation	241
Unit 32:	Anthrax	249
Unit 33:	Nuclear Explosion	257
Unit 34:	Preparing for a Nuclear, Chemical or Biological Attack	265
Unit 35:	Guidance for Emergency Response	273
Unit 36:	Household Chemical Emergency	281
Unit 37:	Hazardous Materials	289
Unit 38:	Terrorism, Explosion, Bomb Threats, Suspicious Letters	297
Unit 39:	Biological Attack	305
Unit 40:	Risk Assessment of Biological Hazards & Understanding of the preventive measures	313
Unit 41:	Bioterrorism and Biological Warfare	321
Unit 42:	Radiological Dispersion Device (RDD)	329

Glossary & Acronyms	337
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References	373
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Preface

The aim of present book is to provide a professional English book for students in the field of disaster (both man-made and natural) and also rescue and relief related subjects' students such as the first aiders.

The first five units of the book deal with human body (unit 1 and 2), the nervous system (unit 3), the skeletal system (unit 4) and the muscular system (unit 5) in which discuss the most important parts of the body.

Units 6 to 16 concern the first aids and medical emergencies as immediate threats to life (unit 6); disease precautions (unit 7); bleeding and shock (unit 8); wounds (unit 9); dressing and bandages (unit 10); burns (unit 11); sudden illnesses (unit 12); poisoning (unit 13); rescuing (unit 14); triage (unit 15) and the pandemic diseases (unit 16).

Units 17 to 29 deal with natural disasters, the way of coping with and needs assessment of humanitarian crisis.

Units 30 to 42 cover most of technological hazards as radiation both internal and external (units 30-31); anthrax (unit 32); nuclear explosion (unit 33); preparing for a nuclear, chemical or biological attack (unit 34); guidance for emergency responders (unit 35); household chemical emergency (unit 36); hazardous materials (unit 37); terrorism, explosion, bomb threats, suspicious letters (unit 38); biological attack (unit 39); risk assessment of biological hazards & understanding of the preventive measures (unit 40); bioterrorism and biological warfare (unit 41) and radiological dispersion defense (RDD) (unit 42).

In fact, this book will be useful for everyone who is interested in getting familiar with the mentioned subjects especially disaster management and rescue and relief terminology. This book has been designed so that 16 units of it may be used as a two-academic-unit or 24 units of it for a three- academic-unit.

The units can be chosen by the instructor according to the needs of students depending on their affiliations.

Dr. Gholamreza Poorheidari & Ashraf Sadat Mousavi