



Ilam University of Medical Sciences

**Secretariat of the General Medical Education Council  
Sources of pre-internship exams in March 1400 and spring and September 1401  
And the forty-ninth period of the specialized assistant admission test**

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**Internal diseases**

The following selected topics from Essential Sicily are test reference sources:

Lung diseases: 13, 19, 20, 22, 23

Oncology: 55, 56, 58, 59, 60 and 61

Kidney diseases: 26, 28, 29 and 30

Glands: 62, 64, 65, 67, 68, 69, 74 and 75

Digestion: 33) Parts A and C, 35) 37, 38, 42, 43, 44 and 57

Rheumatology: 77, 78, 79, 80, 81, 82, 85 and 122

Blood: 50, 51 and 52

Other items: 24, 124, 125 and 126

The following selected topics from Harrison's book Principles are test reference sources:

Harrison's Principles of Internal Medicine/ 20th edition/ McGrawHill / 2018

**Glands**

1. Diseases of Thyroid Gland (375 - 378)

2. Diabetes Mellitus (396,397,398)

3. Hypoglycemia (399)

4. Metabolic Syndrome (401)

**Blood**



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1. Anemia and Polycythemia (59)
2. Iron Deficiency Anemia (93)
3. Disorders of hemoglobin (94)
4. Hemolytic anemia and anemia due to acute blood loss (96)
5. Bone Marrow Failure Syndromes (98)
6. Acute and chronic Myeloid Leukemia (100,101)
7. Transfusion Biology and therapy (109)
8. Megaloblastic anemia (95)
9. Para neoplastic Syndromes:  
Endocrinologic /Hematologic (89)

**Digestion**

- 1- Diarrhea & Constipation (42)
- 2- Gastrointestinal Bleeding (44)
- 3- Jaundice (45)
- 4-Peptic ulcer disease and related disorders (Zollinger – Ellison (317 Except for the topic
- 5- Irritable Bowel Syndrome (320)
- 6- Acute Viral Hepatitis (332)
- 7– Approach to the patient with Liver Disease (329)
- 8 – The Hyperbilirubinemias (331)

**Rheumatology**

- Periarticular Disorders of the extremities (368)
- Approach to Articular & Musculoskeletal Disorders (363)



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- 1- Back & Neck Pain (14)
- 2- Osteoarthritis (364)
- 3- Infectious Arthritis (125)
- 4- Cough and hemoptysis (34, 35)
- 5- Deep Venous Thrombosis and Pulmonary Thromboembolism (273)

**Lung**

- 1- Asthma (281)
- 2- Pneumonia [lung Abscess] (121)
- 3- Chronic obstructive pulmonary disease (286)

**Kidney:**

1. Fluid and Electrolyte Disturbances (49)
2. Acidosis & Alkalosis (51)
3. Hypocalcemia & Hypercalcemia (50)
4. Acute Kidney Injury (304)
5. Chronic Kidney Injury (305)
6. Urinary Tract Infections, Pyelonephritis, and Prostatitis (130)

**Emergency**

- Cardiogenic shock & Pulmonary Edema (298)

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**Cardiovascular diseases**

The book "Cardiovascular Diseases" written by Dr. Ebrahim Nematipour et al., Second edition, published in 1399 to -

Exceptions to Chapters 1, 10, 19, 25, 31, 32, 34, 36 and sections written on the blue background color and from

Chapters 9, 27, 28, 30 and 33 Reference of Pre-Internship Exam Questions »Selected Highlights« Pages Only

Is. For the forty-ninth period of the admission test of the specialized assistant of the whole book, except for the sections that are on color

Blue background written test questions reference.

**Infectious and tropical diseases**

The following are selected topics from Harrison's book as test reference sources:

Varicella – Zoster virus infections 188

Fever of unknown origin 17

Common viral respiratory infections 194

Approach to the acutely III infected febrile patient 117

Influenza 195

Infective Endocarditis 123

**Human immunodeficiency virus disease: AIDS and related disorders**

Except for pages 1435 to the end 197

Infections of the Skin, Muscles, and Soft Tissues 124

Measles (Rubella) 200



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Acute infections diarrheal disease and bacterial food poisoning 128

Rubella (German measles) 201

Clostridium difficult infection, including pseudomembranous colitis 129

Mumps 202

Sexually transmitted infections overview and clinical approach 131

Rabies and other Rhabdovirus infections 203

Treatment and prophylaxis of bacterial infections 139

Candidiasis 211

Pneumococcal infections 141

Aspergillosis 212

Staphylococcal infections 142

Amebiasis and infection with free-living amebas 218

Streptococcal infections 143

Malaria 219

Tetanus 147

Toxoplasma infections 223

Botulism 148

Protozoal intestinal infections and Trichomoniasis 224

Salmonellosis 160

Intestinal nematode infections 227

Shigellosis 161

Cestode infections 230



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Cholera and other vibrios 163

Viral Gastroenteritis 198

Brucellosis 164

Severe Sepsis and Septic Shock 297

Tuberculosis 173

Meningitis 133

Leptospirosis 179

Infections Acquired in Health Care Facilities 137

The latest edition of the National TB Guide

Country Guide for Diagnosis and Treatment of Quid disease 19 latest edition as a source of education - (not a reference to test questions)

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**Diseases of children**

For the pre-internship exam, the sections listed in the table below and for the admission test for the specialized assistant will be the reference book for the whole book.

Karen Marcdante, et al. Nelson Essential of Pediatrics. /8th edition. W. B. Saunders / 2019

Karen Marcdante, et al. Nelson Essential of Pediatrics. /8th edition. W. B. Saunders/ 2019

Section

Chapters



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Section 2: Growth and development 5, 6,7,8,9

Section 3: Behavioral disorders 11, 12,13,14,15

Section 5: Psychosocial 21, 22, 23

Section 6: Ped. Nutrition and nutritional disorders 27, 28, 29, 30, 31

Section 7: Fluid and electrolytes 32, 33, 34,35,36,37

Section 8: The acutely ill child 38, 39, 40,41,42,43,44,45,46

Section 9: Human genetics and dysmorphology 47,48,49,50

Section 10: Metabolic disorders 51,52,53,54,55,56,57

Section 11: Fetal and Neonatal Medicine 58, 59, 60,61,62,63,64,65,66

Section 13: Immunology 73,74,75,76

Section 14: Allergy 77, 78, 79,80,81,82,83,84,85

Section 15: Rheumatic disease of childhood 86,87,88,89,90,91,92

Section 16: Infectious disease 93, 96,97,98,99,100,101,102,103,104,105,106,  
107,108,109,110,111,112,113,114,115, 117,118,119, 123, 124, 125

Section 17: The Digestive System 127,128,129,130,131,132

Section 18: The Respiratory System 135,136,137,138

Section 19: The cardiovascular System 139,140,141, 143 ,144, 145,146

Section 20: Hematology 149,150,151,152

Section 21: Oncology 153, 155,156,157,158,159

Section 22: Nephrology and Urology 161,162,163,164,165,166,167,168,169

Section 23: Endocrinology 170,171,172,173,174,175,176,177,178

Section 24: Neurology 179,180,181,182,183,184



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Section 25: Dermatology 188,191

Section 26: Orthopedics 199, Hip(p672----676), 201.Foot, club foot(p681—682)

**Textbook of Vital Care and Advanced Rehabilitation of Children of the Year - 2014**

Integrated care book for healthy children for physicians of the year - 2016 \*

Guide for counseling with the mother about the health and nutrition of the child of the year - 2016 \*

Summary of Breastfeeding Updates for Pediatricians Book Translation - Breastfeeding Updates for the Pediatricians Scientific Breastfeeding Association February - - 2013

Summary of some of the chapters in the Bashmayr Nutrition Guide for Physicians (American Academy of Pediatrics and Obstetrics and Gynecology 2014 \*\*)

Immunization program and guide of the National Immunization Committee of the year - -1394

Integrated pediatric care booklet (Mana) under 2 months

Integrated pediatric care booklet (Mana) (2 months to 5 years for physician year - - 2016

\* Published by the Ministry of Health, Treatment and Medical Education of the Children's Health Department -

\*\* The original version is available on the website of the Secretariat of the General Medical Education Council.

\*\*\* Only as a source of further education and study: The latest national guide to the diagnosis and treatment of Covid 19 disease in children

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**Neurological diseases**

"Book of Neurological Diseases" by the members of the Scientific Committee of the Iranian Neurological Association Second Edition - 1398

\*\* The book "Neurological and Muscular Diseases" written by Dr. Akbar Soltanzadeh, published - 2017 (for further reading)

**Psychiatry**

Textbook of Clinical Psychiatry and Behavioral Sciences, published in 1396) new edition of the current source (including chapters: 1 - 6 - 7 - 8 - 9 - 10 - 11 -

13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 22 - 24 - 25 - 28 - 32 for pre-internship exam.

**The whole book for the specialist assistant admission test**

Pocket handbook of psychiatry / Kaplan & Sadock's / 6th edition / Lippincott Williams & Wilkins / 2018

Includes: Chapter 29 of the Department of Pharmacotherapy) for - pre-internship exams and admission exams for specialized diseases (skin diseases

Textbook of skin diseases / Authors Dr. Hossein Mortazavi, Dr. Alireza Firooz and Dr. Mohammad Shahidi / Year of publication 1399

\*\* Suggested training source for further reading:

Looking bill and Marks 'Principles of Dermatology James G. Marks JR, Jeffry J. Miller, 6th Edition, 2019

**Pathology**

Robbins Basic Pathology / 10th Edition / Copy right 2018 / Elsevier Inc. Chapters 12, 13, 14, 15, 16, 17, 18, 19, 20, 21 and 24 in full.

Topics mentioned below



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Chapter 11 from the beginning of the season to the beginning of arrhythmias (Pages: - 419 - 399)

Chapter 23 from the beginning of tumors to the end of the chapter) Pages: - 888 – 881

Chapter 12- Hematopoetic and Lymphoic systems

Chapter 13- Lung

Chapter 14- Kidney and Its Collecting System

Chapter 15- Oral Cavity and Gastrointestinal Tract

Chapter 16- Liver, Gall Bladder and Biliary Tract

Chapter 17- Pancreas

Chapter 18- Male Genital System and Lower Urinary Tract

Chapter 19- Female Genital System and Breast

Chapter 20- Endocrine System

Chapter 21- Bones, Joints and Soft tissue Tumors

Chapter 24- Skin Radiology

Armstrong Peter, et al. Diagnostic Imaging. 7th edition. Black Well; 2013

\* Based on the opinion of the specialized group of the Committee for Determining the Resources of Radiology Topics in Comprehensive Medical Examinations and Admission of Specialist Assistant from

Esfand 1402 ,the reference for radiology questions in pre-internship exams and the admission of a specialist assistant will be the following source:

Learning Radiology: Recognizing the Basics, 2020 / 4th edition

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**General Surgery**

Essentials of General Surgery and Surgical Specialties, Sixth Edition- Peter F. Lawrence, 2019

The following sections refer to the questions of the pre-internship exams and the admission of specialized assistants.

Chapters 1 to 23 in full

Chapter 24 (Plastic Surgery):

From the beginning of page 427 to page 435) to the beginning of Flap topic)

From the beginning of the article (Thermal Injury) pages 463 to 467) to the beginning of the article Congenital Defects)

Chapter 25 (Cardiothoracic Surgery):

From page 498 to page 509

Chapter 30 (Neurosurgery):

From the beginning of the topic (Head Injury) pages 684 to 689) to the beginning of the topic Brain Attack

From the beginning of the article (Degenerative Disease of the spine) page 708 to page 711) to the beginning of the article

(Vascular Spine Disease)

\* Chapters 26, 27, 28 and 29 have been removed from the test.

**Obstetrics and Gynecology**

Obstetrics & Gynecology - Charles R. B. Beckmann et. al., American College of Obstetricians and Gynecologists- 2019

\* With the exception of chapters 33 and 34 and pages 1033 to the end of the book (Appendices)



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**Urology**

General Urology / Authors: Dr. Nasser Simforosh, Dr. Akbar Noor Alizadeh, Dr. Mohammad Hossein Soltani in collaboration with members

Selected faculty across the country / Third edition, year 1400

Includes chapters: 1, 2, 3, 4, 5, 7, 13, 14, 16, 17, 18, 19, 20, 21, 22, 25, 28, 30, 31, 32, 34, 36, 37, 39, 40, 41,

45, 47, 48 and 50

**Orthopedics**

The book "Orthopedic textbook and fractures" written by Dr. Bahador Aalami Harandi et al., Sixth edition, published in 1398

\* Includes all chapters of the book except for the following for pre-internship exams

Chapter 14 of page 276) from the beginning of the topic of femoral and acetabular entrapment (until the end of the chapter

Chapter 18, Chapter 20 and Chapter 22

\* The reference for orthopedic clinical topics questions in the forty-ninth period of the admission test of the whole book will be mentioned.

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**Ophthalmology**

General Ophthalmology Book / Authors: Mohammad Ali Javadi, Dr. Sepehr Feizi and Dr. Daniel Najdi / Second Edition 1397



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\* Includes: all chapters of the book except chapters: 10, 19, 20, 23, 24 and 25 for pre-internship exams

\* All chapters of the book except Chapter 10 for the Special Assistant Admission Test

**Ear, throat and nose**

Ear, nose & throat disease with head & neck surgery / Behrbohn, Kaschke, Nawaka, Swift / 3rd edition / Thieme / 2009 / (Date of Publication: 2010) Comprehensive medical examinations and assistant admission

Specialized from March 1402 Reference of ENT questions in pre-internship exams and admission of specialized assistant after

The source will be:

Handbook of Otolaryngology / Head and Neck Surgery / David Goldenberg, Bradley J. Goldstein / Thiemes / Second Edition / 2017

Except for the mentioned sections from the following sections:

Section 1: (1.7, 1.8)

Section 2: The whole section has been deleted.

Section 3: (3.4.3, 3.5.3, 3.5.4, 3.5.5, 3.10)

Section 4: (4.7)

Section 5: (5.2, 5.3.3, 5.3.4, 5.4.1, 5.6)

Section 6: (6.3.1, 6.3.2, 6.3.8, 6.3.9, 6.3.11, 6.3.13, 6.3.14, 6.3.15, 6.3.16, 6.3.17, 6.3.18, 6.3. 20, 6.4.4)

Section 7: (Deleted 7.3, 7.8 all this section except sections :)

Section 8: (8.4, 8.5, 8.6, 8.8, 8.9, 8.11)

Section 9: (Deleted 9.1.1, 9.1.5, 9.1.6, 9.2 All this section except sections:)



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Appendix: A, B, C

**Medical ethics**

Physician and Ethical Considerations Volume One: - Physician and Ethical Considerations /  
Compiled and commented by Dr. Bagher Larijani, translated by Dr.

Relax, latest edition

Statistics and epidemiology of common diseases in Iran

Introduction to Biostatistics and Research Methods / fifth Edition / P.S.S. Sundar Rao, DR. PH /  
2012 by PHI Learning Private Limited, New Delhi) 26 and 24 to 21, 14, 12, 11, 9 to 1 seasons:)

Selected Chapters from the book "Epidemiology of Common Diseases of Iran" by the Writers'  
Council under the supervision of Dr. Parvin Yavari -

Included:

The first volume of infectious diseases) First edition of the second edition of 1399 (Chapters: - 1  
to 20, 31 to 33, 37, 43 to 45

Volume II of non-communicable diseases) latest available edition (Chapters - 1 to 16, Chapters  
26 and Chapters 42 to 45

Volume 3 Cancers) latest edition available (Chapters - 2, 4 to 6, 9 and 10

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Epidemiology of Common Diseases of Iran Volume One: Infectious Diseases First Edition of the  
Second Edition – 1399



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Season 1 Introduction to the epidemiology of infectious diseases

Chapter 15

Leprosy

Chapter 2

Care, International Health Regulations and

Infectious diseases

Chapter 16

Brucellosis (malaria)

Chapter 3

Unit Health, Global Health and Epidemiology

Infectious diseases

Chapter 17

Cholera

Chapter 4

HIV / AIDS infection

Chapter 18

Typhoid fever and typhoid fever

Chapter 5

Viral hepatitis

Chapter 19

Salmonella food poisoning

Non-typhoid salmonellosis



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Chapter 6

Influenza

Chapter 20

Salmonella food poisoning (Shigella,

Escherichia coli )

Chapter 7

Measles

Chapter 31

Cutaneous leishmaniasis (seeker)

Chapter 8

Rubella

Chapter 32

Visceral leishmaniasis (Kalazar)

Chapter 9

Mumps

Chapter 33

Malaria

Chapter 10

Polio

Chapter 37

Intestinal protozoa) Amoebiasis, Giardiasis and

Cryptosporidiosis (





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Chapter 11

Rabies

Chapter 43

Sexually Transmitted Infections

Chapter 12

Crimean Congo Bleeding Fever -

Chapter 44

Nosocomial infections

Chapter 13

Middle East Respiratory Syndrome

Chapter 45

Resistance to antimicrobial drugs

Chapter 14

tuberculosis

Epidemiology of Common Diseases of Iran Volume II: Non-Communicable Diseases Last Available - -

season 1

Introduction to the epidemiology of non-communicable diseases

Chapter 12

Iodine deficiency

Chapter 2

High blood pressure



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Chapter 13

natural disaster

Chapter 3

Rheumatic fever and rheumatic heart disease

Chapter 14

Road accidents

Chapter 4

Ischemic heart disease

Chapter 15

Fall

Chapter 5

Chronic heart valve disease

Chapter 16

Burns

Chapter 6

Diabetes

Chapter 26

depression and anxiety

Chapter 7

Obesity

Chapter 42

Impact of climate change on health



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Chapter 8

Osteoporosis (osteoporosis)

Chapter 43

Narcotics

Chapter 9

Neonatal hypothyroidism

Chapter 44

Addiction

Chapter 10

Child energy protein malnutrition -

Chapter 45

Social health

Chapter 11

Micronutrient deficiency

Epidemiology of Common Diseases of Iran Volume 3: Cancers Last Available - -

Chapter 2

Breast Cancer

Chapter 4

Esophageal cancer

Chapter 5

gastric cancer

Chapter 6



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Colon and rectal cancer

Chapter 9

Prostate Cancer

Chapter 10

Lung cancer

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Pharmacology

Tatung Bertam G. Pharmacology: Examinatoin & Board Review / Mcgrawhill / 12th edition / 2019

Includes the chapters in the table below:

Headings Titles and subheadings

Part 2 Autonomic Drugs -

Cholinesterase blockers and cholinesterase receptors

Adrenoceptor blockers

Part 3 Cardiac drugs - -

vascular

Drugs used in hypertension



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Vasodilators and treatment of angina

Heart failure

Diuretics and other drugs that affect the kidneys

Part 4 Effective drugs -

Smooth muscles

Histamine, serotonin and ergot alkaloids and drugs used in obesity

Bronchodilators and other drugs used in asthma

Part 5 System Drugs -

Central nervous system

Hypnotic sedatives -

Antiepileptic drugs

Effective drugs in Parkinson's

Antipsychotic drugs

Antidepressants

Opioids / opioids and antagonists

Part 6 Effective drugs -

Blood, inflammation and gout

Drugs used in blood coagulation disorders

Drugs used to treat hyperlipidemia

Non-steroidal anti-inflammatory drugs, acetaminophen

Part 7 Endocrine Drugs -

Thyroid and anti-thyroid drugs



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Related corticosteroids and antagonists

Gonadal hormones

Pancreatic hormones and anti-diabetic drugs

Part 8 Chemistry -

Therapeutic

Beta-lactams and antibiotics effective on cell walls and membranes

Chloramphenicol and tetracyclines and macrolides

Aminoglycosides and spectinomycins

Sulfonamides and trimethoprim, fluoroquinolones

Antimicrobial drugs

Antiviral drugs (anti-herpes and anti-influenza drugs)

Clinical application of antimicrobial drugs

Part 10 Special Topics –

Poisoned patient management

Drugs used in gastrointestinal diseases

Herbal supplements and medicines