

## סילבוס מבחן מיון לרפואה תלת שנתי (מעודכן ל-2022)

הנחיות כלליות: המבחן יכלול שאלות בביוכימיה, אנטומיה ופיזיולוגיה.

הבחינה תהיה במתכונת מבחן רב- ברירה, לכל שאלה תשובה נכונה אחת בלבד, ארבעה מסיחים, סה"כ 60 שאלות, משך הבחינה –שעה וחצי. שאלות המבחן תתחלקנה באופן שווה בין שלושה הנושאים. היו מוכנים לשאלות ידע, הבנה, יישום הידע ואינטגרציה בין נושאים.

דוגמה לשאלות ממבחן ידע ניתן לראות באתר.

החומר הנדרש למבחן בכל נושא מפורט בהמשך. שימו לב לספרים המומלצים בכל נושא והפרקים בכל ספר שמגדירים במדויק את היקף הידע הנדרש למבחן.

לתשומת לבכם! בכוונה מצוינים שמות הפרקים ולא צוינו מספרי עמודים, על מנת לאפשר למועמדים ללמוד הן ממהדורות מודפסות (בהן מופיעים מספרי העמודים) והן ממהדורות מקוונות (בהן לא מופיעים מספרי העמודים), ובנוסף קיימת האפשרות ללמוד ממהדורות ישנות יותר.

בהצלחה!

### ביוכימיה

ספר הבחינה:

Principles of Medical Biochemistry. Gerhard Meisenberg PhD, William H. Simmons PhD. Elsevier; 4th Edition

Introduction to Biomolecules.1

Introduction to Protein Structure.2

DNA, RNA, and Protein Synthesis .6

Protein Targeting and Proteostasis.8

DNA Technology.11

The Cytoskeleton.13

Extracellular Messengers.15

Intracellular Messengers.16

Cellular Growth Control and Cancer.19

Introduction to Metabolic Pathways.21

Glycolysis, Tricarboxylic Acid Cycle, and Oxidative Phosphorylation .22

Carbohydrate Metabolism.24

Amino Acid Metabolism.28

Integration of Metabolism .32

## פיזיולוגיה

ספר הבחינה:

Guyton and Hall Textbook of Medical Physiology, 14e (Guyton Physiology)  
14th Edition by John E. Hall PhD (Author)

Functional Organization of the Human Body and Control of the "Internal  
Environment" .1

The Cell and Its Functions .2

Genetic Control of Protein Synthesis, Cell Function, and Cell Reproduction .3

Transport of Substances Through Cell Membranes .4

Membrane Potentials and Action Potentials .5

Contraction of Skeletal Muscle .6

Excitation of Skeletal Muscle : Neuromuscular Transmission and  
Excitation- Contraction Coupling .7

Excitation and Contraction of Smooth Muscle .8

Cardiac Muscle; The Heart as a Pump and Function of the Heart Valves .9

Rhythmical Excitation of the Heart .10

Fundamentals of Electrocardiography .11

Electrocardiographic Interpretation of Cardiac Muscle and Coronary  
Blood Flow Abnormalities : Vectorial Analysis .12

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## **אנטומיה**

ספר הבחינה:

Gray's Anatomy for Students. Richard Drake PhD FAAA, A. Wayne Vogl PhD FAAA, Adam W. M. Mitchell MB BS FRCS FRCR. Elsevier; 4 th Edition

The Body	.1
Back	.2
Thorax	.3
Abdomen	.4
Pelvis and Perineum	.5
Lower Limb	.6
Upper Limb	.7
Head and Neck without Neuroanatomy	.8