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MBA

(SEM I) THEORY EXAMINATION 2024-25

HUMAN ANATOMY , PHYSIOLOGY AND MEDICAL TERMINOLOGY

TIME: 3 HRS

M.MARKS: 100

Note: Attempt all Sections. In case of any missing data; choose suitably.

SECTION A

1. Attempt *all* questions in brief. 2 x 10 = 20

Q no.	Question	CO	Level
a.	Name various systems of human body.	1	K1
b.	Name the roles of Endocrine Glands.	1	K1
c.	List examples of common roots.	2	K1
d.	What do the prefix "hypo-" and the suffix "-itis" indicate?	2	K1
e.	Explain examples of common diagnostic terms and therapeutic terms.	3	K2
f.	List common terminology used in orthopedics.	3	K1
g.	Explain health.	4	K2
h.	List four direct causes of illness.	4	K1
i.	Define sterilization.	5	K1
j.	List three infection control measures.	5	K1

SECTION B

2. Attempt any *three* of the following: 10 x 3 = 30

Q no.	Question	CO	Level
a.	Examine the basic functions of the digestive system and explain the importance of each organ involved in the process of digestion and nutrient absorption.	1	K4
b.	Explain the primary reasons for using medical terminology in healthcare. How does the use of standardized medical terms benefit communication among healthcare professionals and ensure accurate documentation and patient care?	2	K5
c.	Define and explain the significance of common pathology terms such as "necrosis," "inflammation," "neoplasm," and "edema." How do these terms help in describing and diagnosing various disease processes?	3	K1
d.	Analyze the interaction between direct and indirect causes of illness. How do lifestyle and environmental factors influence the susceptibility to infectious and non-infectious diseases, and what are the implications for public health and individual patient care?	4	K4
e.	Explain the purpose, composition, and duties of an infection control committee in a healthcare facility.	5	K2

SECTION C

3. Attempt any *one* part of the following: 10 x 1 = 10

Q no.	Question	CO	Level
a.	Discuss the structure and functions of the central nervous system, including the brain and spinal cord.	1	K6
b.	Compare the functions of the reproductive, excretory, and endocrine systems. How do these systems contribute to the processes of reproduction, waste elimination, and hormonal regulation, respectively?	1	K4



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4. Attempt any *one* part of the following: 10 x 1 = 10

Q no.	Question	CO	Level
a.	Discuss the use of symbols in medical documentation and communication. Provide examples of common symbols and their meanings.	2	K6
b.	Examine the application of medical terminology by constructing and deconstructing medical terms using roots, prefixes, and suffixes.	2	K4

5. Attempt any *one* part of the following: 10 x 1 = 10

Q no.	Question	CO	Level
a.	Discuss the specialized terminology used in ophthalmology, such as "glaucoma," "cataract," "retina," and "ophthalmoscope." How do these terms support the diagnosis and management of eye-related conditions?	3	K6
b.	Explain the key terminology used in ENT, including "otitis media," "sinusitis," "tonsillectomy," and "laryngoscopy." How do these terms aid in the diagnosis and treatment of conditions related to the ear, nose, and throat?	3	K5

6. Attempt any *one* part of the following: 10 x 1 = 10

Q no.	Question	CO	Level
a.	Illustrate a detailed description of infectious diseases, including their causes, modes of transmission, and typical symptoms. How do infectious diseases differ from non-infectious diseases, and what measures are used to control and prevent their spread?	4	K3
b.	Discuss the characteristics of non-infectious diseases, such as chronic conditions, genetic disorders, and autoimmune diseases. How do these diseases develop, and what are the common risk factors and treatment approaches?	4	K6

7. Attempt any *one* part of the following: 10 x 1 = 10

Q no.	Question	CO	Level
a.	Explain the roles of reservoirs, carriers, and modes of transmission in the spread of communicable diseases.	5	K5
b.	List the steps involved in maintaining aseptic technique during medical procedures. How do these steps ensure the prevention of infection, and what are the consequences of failing to adhere to aseptic practices?	5	K4