

1841 – HUMAN ANATOMY, PHYSIOLOGY AND PATHOLOGY RELEVANT TO RADIOLOGY

UNIT 3

SUB TOPIC – 7 DIGESTIVE SYSTEM

I. Elaborate on

10 MARKS

REFERENCE – THE TAMILNADU DR.M.G.R MEDICAL UNIVERSITY QUESTION PAPER

S.No	Question	Reference	Bloom's Taxonomy
1	Enumerate the parts of digestive system? Add a note on external features of stomach?	August 2019	Understand
2	Elaborate on the histology of Liver. Write in detail about the types and pathophysiology of Jaundice.	November 2022	Analyze
3	Describe the Anatomy and Functions of Stomach.	April 2024	Understand
4	Write in detail about the names and various parts of digestive system - Buccal Cavity, Pharynx, Oesophagus, Stomach, intestine etc. - physiology of digestion and absorption, Structure functions salivary glands, Enzymes, Structure and functions of pancreas, Anatomy of teeth, Pharynx, Oesophagus, Functions of Stomach and duodenum, Small & Large intestine structure & functions, Anatomy and function of liver, LFT, Physiology of Jaundice, Anatomy of Portal circulation and portal hypertension, Gall bladder, structure and function, Physiology of digestion and food components	-	Analyze

II. Write notes on

5 MARKS

REFERENCE – THE TAMILNADU DR.M.G.R MEDICAL UNIVERSITY QUESTION PAPER

S.No	Question	Reference	Bloom's Taxonomy
1	Functions of saliva.	August 2019	Remember
2	Draw Biliary tree and Label.	February 2020	Apply
3	Types of jaundice.	February 2020	Remember
4	Layers of Alimentary Canal.	March 2021	Remember
5	Portal circulation.	April 2022	Understand
6	Anatomy of portal circulation.	November 2022	Understand
7	Functions of bile.	April 2023	Understand
8	Structure and functions of Stomach.	April 2023	Understand
9	Physiology of Digestion.	November 2023	Understand
10	Functions of Bile.	November 2023	Understand
11	Anatomy of Portal vein.	November 2023	Understand
12	Draw and label parts of Large Intestine.	April 2024	Apply
13	Physiology of Taste.	April 2024	Understand
14	Deglutition.	April 2024	Understand

III. WRITE SHORT NOTES ON

3 MARKS

REFERENCE – THE TAMILNADU DR.M.G.R MEDICAL UNIVERSITY QUESTION PAPER

S.No	Question	Reference	Bloom's Taxonomy
1	Physiological jaundice.	August 2019	Remember
2	What are Rugae and where are they found?.	February 2020	Remember
3	What is Omentum?	February 2020	Remember
4	Parts of alimentary tract.	March 2021	Remember
5	Taste pathway.	April 2022	Understand
6	Function of Large Intestine	November 2022	Remember
7	Portal hypertension.	April 2023	Understand
8	Hormones of Endocrine pancreas.	April 2023	Remember
9	Portal hypertension.	November 2023	Understand
10	Functions of Liver	November 2023	Remember

SUB TOPIC – 8 URINARY SYSTEM

I. Elaborate on

10 MARKS

REFERENCE – THE TAMILNADU DR.M.G.R MEDICAL UNIVERSITY QUESTION PAPER

S.No	Question	Reference	Bloom's Taxonomy
1	Explain the steps involved in urine formation?	August 2019	Understand
2	Explain the physiology of micturition	March 2021	Understand
3	Write in detail about the physiology of urine formation.	April 2022	Understand
4	Write in detail about the structure and functions of Kidneys.	April 2023	Analyze
5	Write in detail about the various parts of urinary system and its function - structure and function of kidneys - Anatomy of ureters, bladder and urethra - physiology of urine formation, its constituents - patho physiology of renal disease and edema.	-	Analyze

II. Write notes on

5 MARKS

REFERENCE – THE TAMILNADU DR.M.G.R MEDICAL UNIVERSITY QUESTION PAPER

S.No	Question	Reference	Bloom's Taxonomy
1	Nephron.	August 2019	Remember
2	Juxta glomerular apparatus.	August 2019	Understand
3	Explain Nephron with diagram.	February 2020	Apply
4	Urinary bladder.	April 2023	Understand
5	Micturition reflex	November 2023	Understand
6	Functional unit of Kidney.	April 2024	Remember

III. WRITE SHORT NOTES ON

3 MARKS

REFERENCE – THE TAMILNADU DR.M.G.R MEDICAL UNIVERSITY QUESTION PAPER

S.No	Question	Reference	Bloom's Taxonomy
1	Parts of male urethra	March 2021	Remember
2	Difference between Male and Female Urethra..	April 2023	Understand
3	Functions of Kidney.	November 2023	Remember
4	Pathophysiology of Edema.	April 2024	Understand

SUB TOPIC – 9 REPRODUCTIVE SYSTEM

I. Elaborate on

10 MARKS

REFERENCE – THE TAMILNADU DR.M.G.R MEDICAL UNIVERSITY QUESTION PAPER

S.No	Question	Reference	Bloom's Taxonomy
1	Write in detail about Anatomy of Uterus and Ovary. Add a note on Physiology of Ovulation.	April 2024	Analyze
2	Write in detail about the physiology and anatomy of Male & Female reproductive system - Prostate & Uterus & Ovaries etc. The Mammary glands – anatomy & physiology and & its importance in imaging.	-	Analyze

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II. Write notes on

5 MARKS

REFERENCE – THE TAMILNADU DR.M.G.R MEDICAL UNIVERSITY QUESTION PAPER

S.No	Question	Reference	Bloom's Taxonomy
1	Time for ovulation.	August 2019	Remember
2	Name the parts of Female Reproductive system and their functions.	February 2020	Remember
3	Importance of Radio imaging of mammary gland	March 2021	Understand
4	Structure of male and female pelvis.	November 2022	Understand
5	Phases of Menstrual cycle.	April 2022	Understand
6	Phases of Menstrual cycle.	November 2023	Understand

III. WRITE SHORT NOTES ON

3 MARKS

REFERENCE – THE TAMILNADU DR.M.G.R MEDICAL UNIVERSITY QUESTION PAPER

S.No	Question	Reference	Bloom's Taxonomy
1	Methods of contraception.	August 2019	Remember
2	Contraceptives.	March 2021	Remember
3	Bones of pelvis.	March 2021	Remember
4	Phases of Menstrual cycle	April 2022	Remember
5	Bones of Pelvis.	April 2023	Remember

6	Fallopian tube.	April 2023	Remember
7	Importance of Imaging Mammary glands	November 2023	Understand