

**B.Sc., PHYSICIAN ASSISTANT**  
**FIRST YEAR - QUESTION BANK**

**SUBJECT CODE AND NAME - 1601 - ANATOMY AND PHYSIOLOGY**

**UNIT NO: II**

**TOPICS - RESPIRATORY SYSTEM, DIGESTIVE SYSTEM AND EXCRETORY SYSTEM**

**I. ELABORATE ON: 10 MARKS**

S.NO	QUESTIONS	REFERENCE (EXAM MONTH AND YEAR)	BLOOMS TAXONOMY
1	Draw the diagram of digestive system and explain its structures and functions	August 2011 February 2020	Understand
2	How is Urine formed? Describe the mechanism in detail	August 2011 February 2015	Understand
3	Describe the anatomy of Kidney and Urinary bladder	August 2016	Understand
4	Name the parts of small intestine. Write the details about structure and digestive and absorptive functions of small intestine	August 2018 March 2021	Understand
5	Name the parts of the Gastro-intestinal tract and write in detail about Stomach	April 2023	Understand
6	Regulation of respiration	February 2013	Understand
7	Describe in detail about lung volume and capacities	April 2022	Understand
8	Explain about the physiology of respiration	August 2017	Understand

**II. WRITE NOTES ON: 5 MARKS**

S.NO	QUESTIONS	REFERENCE (EXAM MONTH AND YEAR)	BLOOMS TAXONOMY
1	Structures associated with Pharynx	August 2011	Understand
2	Functions of Lung	February 2016	Understand
3	Anatomy of Right Lung	August 2016	Understand
4	Functions of liver	February 2012 August - 2012, 2014, 2016	Understand
5	Pancreas	August 2012	Understand
6	Kidney	August 2012	Understand

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7	Lung Surfactant	August 2012	Understand
8	Explain Structure and Functions of Liver	February 2017	Understand
9	What are the gastric juices and its functions	August 2014	Understand
10	Lung volume and its capacities	February 2012	Understand
11	Functions of kidney	August 2015	Understand
12	Micturition	February 2013	Understand
13	Pulmonary tuberculosis	February 2013	Understand
14	Artificial respiration	February 2013	Understand
15	Cyanosis	February 2013	Understand
16	Pleura	February 2013	Understand
17	Insulin	February 2013	Understand
18	Lung cancer	February 2015	Understand
19	Glomerulonephritis	February 2015	Understand
20	Renal replacement therapy	February 2015	Understand
21	Viral hepatitis	February 2015	Understand
22	Functions of Saliva	August 2017	Understand
23	Structure of stomach and its functions	February 2018	Understand
24	Bile duct	August 2018	Understand

**III. SHORT ANSWERS ON: 3 MARKS**

S.NO	QUESTIONS	REFERENCE (EXAM MONTH AND YEAR)	BLOOMS TAXONOMY
2	Difference between temporary and permanent teeth	August 2011	Understand
3	Abnormal constituents of urine	August 2011	Remember
4	What are the four layers of the walls of the Alimentary tract	February 2012	Remember
5			
6	Urine analysis	February 2012	Remember
7	Muscular layers of Stomach	February 2017	Remember
8	Name the muscles of Mastication	April 2024	Remember
9	Peptic ulcer	February 2015	Remember

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10	Histopathology of Kidney	February 2015	Understand
11	List the contents of popliteal fossa	February 2015	Remember
12	What is anaerobic respiration	February 2015	Remember
13	Name the salivary glands	August 2015	Remember
14	Name the parts of liver	August 2015	Remember
15	Name the parts of nephron	August 2015	Remember
16	List the contents of popliteal fossa	February 2015	Remember
17	Name the parts of urinary system	February 2016	Remember
18	Name the respiratory organs	February 2016	Remember
19	Name the types of hypoxia	February 2016	Remember
20	Functions of gastric juice	February 2016	Understand
21	Name the parts of urinary system	February 2016	Remember
22	Pleura	August – 2016, 2019	Remember
23	Tidal volume and Inspiratory Reserve Volume	August 2016	Remember
24	Diaphragm	February 2017	Remember
25	Trigone of Urinary Bladder	August 2016	Remember
26	Muscular layers of Stomach	February 2017	Remember
27	Pleura	August – 2016, 2019	Remember
28	Muscles of breathing	February 2018	Remember
29	Functions of Tongue	February 2018	Understand
30	Mention the functions of the Liver	April 2023	Understand
31	Openings of the diaphragm	November 2023	Remember
32	Vital capacity	November 2023	Remember
33	List four functions of stomach	November 2023	Remember
34	Any four renal function tests	November 2023	Remember
35	Hilar structures of the Lung	April 2024	Remember
36	Mention the functions of the Liver	April 2023	Understand
37	Name any four clotting factors	April 2022	Remember
38	Glomerular Filtration Rate (GFR)	April 2022	Remember
39	Muscles of Respiration	November 2022, April 2024	Remember
40	Name any four clotting factors	April 2022	Remember
41	Lung volume	February 2019	Remember

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42	Name any four clotting factors	April 2022	Remember
43	Glomerular Filtration Rate (GFR)	April 2022	Remember
44	Pleura	August 2019	Remember
45	Brachial plexus	August 2019	Remember