

PRACTICE SET

End Semester Examination, Dec 2025

Program: BPT

Semester: V

Subject: Medicine with Paediatrics & Geriatrics - I

Subject Code: 23A504

COURSE OUTCOME

At the end of the course, candidate will able to

CO1: Describe the etiology, patho-physiology, signs and symptoms and management about the metabolic and deficiency diseases.

CO2: Analyze the effects of various infections on human body.

CO3: Understand and analyze the diseases affecting the digestive, cardiovascular and respiratory system.

Section A

(5x20=100 Marks)

1. Define communicable disease and list its modes of transmission. [CO2, Unit 1, BTL Remember LOT]
2. Describe general preventive measures for Communicable disease. [CO2, Unit 1, BTL Remember LOT]
3. Write short notes on the clinical features and diagnostic criteria of tuberculosis. [CO2, Unit 1, BTL Understand LOT]
4. Discuss the classification of leprosy based on severity of the disease. [CO2, Unit 1, BTL Understand LOT]
5. Write down the Modified Jones criteria used for the diagnosis of rheumatic fever. [CO2, Unit 1, BTL Understand LOT]
6. Write down a short notes on Bacillary Dysentery. [CO2, Unit 1, BTL Remember LOT]
7. Discuss the clinical features of chicken pox and small pox. [CO2, Unit 2, BTL Understand LOT]

8. Write down a short note on herpes simplex virus. [CO2, Unit 2, BTL Remember LOT]
9. List out the various nutritional deficiency diseases and its causative factors. [CO1, Unit 2, BTL Remember LOT]
10. Write down short notes on Pneumonia. [CO3, Unit 3, BTL Remember LOT]
11. What is bronchiectasis? Write down its clinical features and management. [CO3, Unit 3, BTL Remember LOT]
12. Explain the term Thrombosis, Embolism, Ischemia and Gangrene. [CO2, Unit 1, BTL Remember LOT]
13. List types and causes of anemia. [CO1, Unit 4, BTL Remember LOT]
14. Describe congenital heart malformation. [CO3, Unit 5, BTL Understand LOT]
15. Write short notes on endocarditis and pericarditis. [CO3, Unit 5, BTL Remember LOT]
16. Explain types, causes and treatment of hypertension. [CO3, Unit 5, BTL Understand LOT]
17. List causes, signs and symptoms and diagnosis of jaundice. [CO3, Unit 6, BTL Remember LOT]
18. Describe the etiology, symptoms and complications of pyloric stenosis. [CO3, Unit 6, BTL Understand LOT]
19. Write short notes on Diverticulum stenosis. [CO3, Unit 6, BTL Remember LOT]
20. Write short notes on gastric ulcer. [CO3, Unit 6, BTL Remember LOT]

Section B

(10x15=150 Marks)

21. Discuss about the causative organism, modes of transmission, pathogenesis, and prevention of tuberculosis. [CO2, Unit 1, BTL Understand LOT]
22. Describe causative organism, pathogenesis and management protocols for tetanus. [CO2, Unit 1, BTL Apply LOT]
23. Compare and contrast between the diarrhoea and dysentery. [CO2, Unit 1, BTL Analyze HOT]
24. Discuss about the causative organism, modes of transmission, pathogenesis and diagnosis of measles. [CO2, Unit 1, BTL Understand LOT]
25. Explain the etiology, pathophysiology, diagnosis and treatment of viral hepatitis. [CO2, Unit 2, BTL Understand LOT]
26. Compare and contrast between the kwashiorkor and marasmus. [CO1, Unit 2, BTL Analyze HOT]

27. Explain the etiology, pathophysiology, diagnosis and treatment of asthma. [CO3, Unit 3, BTL Understand LOT]
28. Differentiate between lung abscess and empyema. [CO3, Unit 3, BTL Analyze HOT]
29. Differentiate between the pathogenesis and clinical features of Deep vein thrombosis and Varicose veins.[CO3, Unit 4, BTL Analyze HOT]
30. Compare and contrast between the characteristics of peripheral arterial disease and peripheral venous diseases.[CO3, Unit 4, BTL Analyze HOT]
31. Discuss how lymphoedema occurs and how we can manage it? [CO3, Unit 4, BTL Apply LOT]
32. Differentiate between the arteriosclerosis and atherosclerosis in context of site, causes, pathogenesis and clinical features.[CO3, Unit 4, BTL Analyze HOT]
33. Write down a short notes on aortic aneurysm and aortic regurgitation. [CO3, Unit 5, BTL Remember LOT]
34. Describe the management strategies for coronary heart disease. [CO3, Unit 5, BTL Apply LOT]
35. Describe the etiology, pathogenesis, symptoms, diagnosis and management of liver cirrhosis. [CO3, Unit 6, BTL Apply LOT]

Section C

(20x9=180 Marks)

36. Elaborate etiology, pathogenesis, symptoms, diagnosis, and management of leprosy. [CO2, Unit 1, BTL Analyze HOT]
37. Elaborate the etiology, pathogenesis, symptoms, diagnosis, and management of Typhoid. [CO2, Unit 1, BTL Analyze HOT]
38. What is AIDS? Discuss the etiology, pathogenesis, symptoms, diagnosis and management of HIV/AIDS. [CO2, Unit 2, Analyze HOT]
39. List out various vitamin deficiency diseases, their clinical presentation and nutritional management. [CO1, Unit 2, BTL Evaluate HOT]
40. List out various nutrition deficiency diseases, their clinical presentation and management. [CO1, Unit 2, BTL Evaluate HOT]
41. Elaborate the types, pathogenesis, symptoms, diagnosis and management of Diabetes. [CO1, Unit 2, BTL Analyze HOT]
42. Compare and contrast between chronic bronchitis and emphysema. [CO3, Unit 3, BTL Analyze HOT]

43. Differentiate between various peripheral vascular disease based on its pathophysiology, sign and symptoms, diagnosis and management. [CO3, Unit 4, BTL Analyze HOT]
44. Discuss the etiology, pathogenesis, symptoms, diagnosis and management of Jaundice. [CO2, Unit 2, BTL Analyze HOT]

Summary Sheet:

Course Outcome Wise

Course Outcome	Question No.	Marks
CO 1	9,13,26, 39,40,41	80
CO 2	1-8, 12,21-25, 36-38, 44	175
CO 3	10,11,14-20, 27-35,42,43	175
	Total	430

Unit Wise

Unit	Question No.	Marks
1	1-6, 12, 21-24, 36,37	115
2	7-9, 25, 26, 38,39,40,41,44	135
3	10, 11, 27,28, 38,42	50
4	13, 29,30,31,32,43	65
5	14, 15, 16, 33,34	35
6	17, 18, 19, 20, 35, 31	30
	Total	430

BTL Wise

BTL	Question No.	Marks
LOT	1- 21,22,24,25,27,31,33,34,35	190
HOT	23,26, 28,29,30,32,36-44	240
	Total	430

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Disclaimer: - This is a Practice Set. The Question in End term examination will differ from the Practice set. This Practice set is meant for practice only.