



PRACTICE SET
End Semester Examination, Spring- 2026

Program: BPT
Semester: VI
Subject: General Surgery with Obstetrics & Gynecology
Subject Code: 23A601

Course Outcome:

On the completion of the Course, the students will be able to:

UNIT I

Course Outcomes	Description
CO1	Understand the basic concepts of various skin conditions, injuries and infections.
CO2	Recall the various surgical procedures involved in common surgeries.
CO3	Explain the etiology, pathophysiology, clinical features, complications and management of shock and burns.
CO4	Understand the basic anatomy of the female urogenital system.
CO 5	Analyze the role of normal female anatomy and physiology with pregnancy, labor and urogenital dysfunction.
CO 6	Outline the various sterility and family planning methods.

Section A (10 marks)

1. Define wounds and classify the various types of wounds. (CO1) (LOT)(Remember)
2. Enumerate the phases of wound healing and briefly explain each phase. (CO1) (LOT)(Understand)
3. Define shock and classify its types. (CO3) (LOT) (Remember)
4. What are ulcers and write about the management of ulcers. (CO1) (LOT) (Remember)
5. Explain cellulitis and erysipelas. (CO1) (LOT) (Understand)
6. Write in detail about Appendicectomy. (CO2) (LOT) (Remember)

Section B (20 marks)

7. Analyse the physiological factors that can delay wound healing in a diabetic patient and propose a multidisciplinary management plan. (CO1) (HOT)(Analyze)
8. Evaluate the cellular events in the proliferative phase of wound healing and explain how a disruption in this phase leads to hypertrophic scarring. (CO1) (HOT)(Evaluate)

9. Differentiate between the pathophysiology of Hypovolemic and Septic shock. Which clinical parameters would you prioritize to assess recovery? (CO3) (HOT) (Analyze)
10. Formulate a clinical assessment protocol for a patient with a chronic venous ulcer, including the rationale for the chosen topical and systemic treatments. (CO1) (HOT)(Create)

UNIT II

Section A (10 marks)

11. Define burn and classify its types and write about its physiotherapeutic management. CO3(LOT)(Remember)
12. Explain the various complications of burns and measures to prevent it. CO3(LOT)(Understand)
13. Describe skin grafting methods and elaborate any one of them. CO2(LOT) (Understand)
14. Define anesthesia and classify its types. (CO2) (LOT) (Remember)
15. Explain different types of surgical incisions and sutures. CO2(LOT) (Understand)
16. Define biopsy and list its types and indications. (CO2)(LOT) (Remember)

Section B (20 marks)

17. Calculate the fluid resuscitation requirements for an adult with 40% TBSA burns using the Parkland Formula and justify the importance of the first 8 hours. (CO3) (HOT)(Create)
18. Analyze the development of Marjolin's ulcer and contractures as long-term complications of deep burns? (CO3) (HOT) (Analyze)
19. Compare the selection criteria between a Split-thickness skin graft (SSG) and a Full-thickness skin graft (FTG) based on wound bed vascularity and location. (CO2) (HOT) (Analyze)
20. Compare and Contrast Spinal vs. General anaesthesia regarding their impact on immediate post-operative respiratory physiotherapy. (CO2) (HOT) (Analyze)

UNIT III

Section A

21. Explain the procedure of appendectomy in detail. CO2(LOT) (Understand)
22. Describe hernia and its types. CO2(LOT) (Understand)
23. Describe mastectomy and its indications.CO2 (LOT) (Understand)
24. Explain the procedure of tracheostomy. CO2(LOT) (Understand)
25. Discuss cholecystectomy and its procedure and add a protocol of Preoperative and post-operative rehabilitation. CO2(LOT) (Understand)
26. Define surgical oncology and also write about oncology physiotherapy. CO2(LOT)(Remember)

Section B (20 marks)

27. Predict the potential post-operative pulmonary complications following an open appendectomy and design a preventive physiotherapy exercise regime. (CO2) (HOT)(Create)
28. Analyze the anatomical factors leading to inguinal hernia and explain the clinical significance of strangulation as a surgical emergency. (CO2) (HOT) (Analyze)

29. Develop a comprehensive post-mastectomy rehabilitation plan specifically addressing the prevention and management of secondary Lymphedema. (CO2) (HOT) (Create)
30. Evaluate the indications for an emergency vs. elective Tracheostomy and discuss the primary nursing and physiotherapeutic care for a cannulated patient. (CO2) (HOT) (Evaluate)

UNIT IV

Section A

31. Describe pelvic floor muscles and write about Kegels exercise. CO4(LOT) (Understand)
32. Explain menstrual cycle phases and also write about physiotherapeutic management of dysmenorrhea. CO5(LOT) (Understand)
33. Explain the physiological changes during menopause. (CO5)(LOT)(Understand)
34. Enlist hormonal disorders and explain about salphangitis. CO5(LOT) (Understand)
35. Explain the types of hysterectomy with reference to the normal anatomy of the uterus. Add a note on its indications, and complications . (CO4)(LOT) (Understand)

Section B (20 marks)

36. Analyse the structural role of the Levator Ani muscle group in supporting the pelvic organ and predict the consequences of its dysfunction post-parous. (CO5) (HOT) (Analyze)
37. Analyze the effect of hormonal fluctuations during the menstrual cycle on musculoskeletal laxity and injury risk in female athletes. (CO5) (HOT) (Analyze)
38. Evaluate the systemic physiological changes during menopause and propose a lifestyle and exercise intervention to mitigate bone density loss. (CO5) (HOT) (Evaluate)
39. Differentiate between the clinical presentations of polycystic ovarian syndrome (PCOS) and Endometriosis regarding their impact on pelvic pain. (CO5) (HOT) (Analyze)

UNIT V

Section A (10 marks)

40. Explain stages of labor and also write the role of physiotherapy during labour. CO5(LOT) (Understand)
41. Describe about the stages of pregnancy and also write about the components of antenatal care. CO5(LOT) (Understand)
42. Define high-risk pregnancy and describe its common complications .CO5(LOT) (Understand)
43. Explain the different types of childbirth procedures and explain the importance of physiotherapy after caesarean section. CO5(LOT) (Understand)
44. Explain the process of lactation and its physiological basis.CO5 (LOT) (Understand)
45. Explain puerperium and outline the preventive measures to avoid complications during this period. CO5(LOT) (Understand)

Section B (20 marks)

46. Analyse the biomechanical changes in the pelvis during the three stages of labor and discuss how maternal positioning can influence the progress of descent. (CO5) (HOT) (Analyze)

47. Justify the components of an Antenatal Care program by explaining how early screening prevents complications like Preeclampsia. (CO5) (HOT)(Evaluate)
48. Evaluate the clinical signs of Ectopic Pregnancy versus Abruptio Placentae and explain why these conditions are classified as obstetric emergencies. (CO5) (HOT) (Evaluate)
49. Compare the recovery trajectory of a patient post-Normal Vaginal Delivery (NVD) versus a Caesarean Section, focusing on abdominal wall integrity. (CO5) (HOT) (Analyze)

UNIT VI

Section A (10 marks)

50. Define urinary incontinence and list its clinical features. (CO5) (LOT) (Remember)
51. Define Polycystic Ovarian Disease (PCOD) and list its clinical features. (CO5) (LOT) (Remember)
52. Discuss about etiology of sterility. (CO6) (LOT) (Understand)
53. Describe various family planning methods. (CO6) (LOT) (Understand)
54. Write a note on oral contraceptives. (CO6) (LOT) (Remember)
55. Define uterine prolapse and write about its grades and explain its Physiotherapeutic Management. CO5(LOT)(Remember)

Section B (20 marks)

56. Analyze the physiological differences between Stress Urinary Incontinence (SUI) and Urge Incontinence. Design a specific Kegel's progression for SUI. (CO5) (HOT) (Analyze)
57. Evaluate the multi-system impact of PCOD (metabolic, reproductive, and psychological) and discuss the role of weight management in its resolution. (CO5) (HOT) (Evaluate)
58. Analyze the mechanical and hormonal causes of female sterility and explain the role of pelvic inflammatory disease (PID) in tubal factor infertility.? (CO6) (HOT) (Analyze)
59. Evaluate the efficacy and side-effect profile of long-acting reversible contraceptives (LARC) compared to barrier methods in family planning. (CO6) (HOT)(Evaluate)

Summary Sheet

CO Wise

CO	Q. No	Marks
CO1	1,2,4,5,7,8,10	100
CO2	6.13-15,16,19,20-30	230
CO3	3,9,11,12,17,18	90
CO4	31,35	20
CO5	32-34,36,37-51,55-57	320
CO6	52-54,58-59	70
Total		830

Unit Wise	Unit	Q. No	Marks
	Unit 1	1-10	140
	Unit 2	11-20	140
	Unit 3	21-30	140
	Unit 4	31-39	130
	Unit 5	40-49	140
	Unit 6	51-59	140
	Total		830

BTL	Q. No	Marks
LOT	1-6,11-16,21-26, 31-35,40-45,50-55	350
HOT	7-10,17-20,27-30,36-39,47-50,57-59	480
Total		830

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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.