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**POSTGRADUATE INSTITUTE OF MEDICINE**  
**UNIVERSITY OF COLOMBO**

**MD (SURGERY) EXAMINATION – MARCH/APRIL 2023**

**Date :- 28<sup>th</sup> March 2023**

**Time:- 9.30 a.m. – 11.30 a.m.**

**ESSAY PAPER**

**Answer all four (04) questions.**

**Answer each question in a separate book.**

1. A 45-year-old woman presents with erythema and superficial ulceration of the right nipple of one month's duration. The rest of the breast, contralateral breast and both axillae are clinically normal.
  - 1.1. List three (3) likely diagnoses. (15%)
  - 1.2. Discuss the management of this patient. (85%)
  
2. A 35-year-old man presents to the Accident & Emergency Department with a crush injury to the right leg. His primary survey is complete and he is haemodynamically stable. There are no external injuries in the leg and the x-ray shows no fracture.
  - 2.1. Outline the clinical assessment of the injured leg. (40%)
  - 2.2. Discuss the factors that determine the management of the leg injury. (60%)
  
3. Write notes on:
  - 3.1. Complications of splenectomy and measures to minimize them. (50%)
  - 3.2. The principles and complications of the use of tourniquets. (50%)
  
4. A 60-year-old man has an adenocarcinoma of the rectum 6 cm from the anal verge. Pelvic MRI and CT abdomen show a T3N1M0 tumour. He has a low-anterior resection after 10 weeks of neoadjuvant chemoradiation.
  - 4.1. Outline the principles of surgery considering oncological clearance and quality of life. (60%)
  - 4.2. He develops an anastomotic stricture three (3) months after the surgery. Briefly outline the management options. (40%)