

**The West Bengal University of Health Sciences
M.Ch. (Plastic & Reconstructive Surgery) Examination,
August 2022**

**Full Marks : 100
Time : 3 hours**

Paper : III

Attempt all questions. All Questions carry 10marks each.

1. What is syndactyly? How do you classify syndactyly and discuss the principles of management of complex syndactyly. 1+2+7
2. What is anatomy of fingertip? How do you classify fingertip injuries? Describe in brief the management of fingertip injuries. 1+2+7
3. What is Gustilo's classification? Discuss the management of 10 x2 cm skin and soft tissue defect on the middle third of anterior surface of leg? 2+8
4. Describe the anatomy of medial sural artery perforator flap. How do you design it and mention its applications. 3+4+3
5. Describe the pathophysiology of pressure sore and the management of sacral pressure sore. 5+5
6. Discuss the clinical features, the investigations required and surgical treatment of Carpal tunnel syndrome. 3+3+4
7. State the indications and contra-indications of digital reimplantation. Describe the various techniques of reconstruction of thumb following total loss at metacarpo-phalangeal level. 3+7
8. Describe the various nerve transfers in surgery for Brachial Plexus surgeries. 10
9. Briefly discuss the pathophysiology of Dupuytren's contracture, the indications for surgery and the different procedures for its correction. 4+1+5
10. Describe the anatomy of extensor apparatus of hand. Outline the management of extensor tendons injury sustained by sharp injury on the dorsum of the hand. 4+6