

The West Bengal University of Health Sciences
MS (General Surgery) July - August, 2021 Examination

Paper: I

Full Marks: 100
Time: 3 hours

Attempt all questions

1. Describe briefly the mechanism of acute coagulopathy of trauma (ACoT).
Rationale of damage control resuscitation (DCR) in Civilian trauma. 4+6
2. Criteria for SIRS (Mention ALL variables only). 10
3. Define brain death. Describe surgical technique of procurement of multiple organs
(Lung, Kindney, Liver, Pancreas) 2+8
4. How will you assess the amount of blood loss in surgical practice ? 4+6
5. Write short notes (on): 2x5
 - a) Changes in stored blood.
 - b) Autologous transfusion
6. What is MHC and its functions? Principles of adult liver transplantation. 4+6
7. What short notes : 2x5
 - a) SSI
 - b) Uses of Bio-engineered skin substitutes.
8. Write an overview of bilirubin metabolism. 10
9. Write an overview of short bowel syndrome. 10
10. Write the postoperative I.V. fluid protocol after major GI surgery. Write the
composition of Ringer's lactate. 6+4