

**The West Bengal University of Health Sciences**  
**MS (General Surgery) May - June, 2022 Examination**

Paper: I

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

*Attempt all questions*

1. Discuss different types of Autologous Blood Transfusion. Write down the definition complications and management of massive blood transfusion. 2+5+3
2. Calculate the composition of 3:1 TPN formula required for a 70kg, man with an entero-cutaneous fistula. How do you monitor a patient receiving TPN. 6+4
3. Describe the role of NACT in LABC with reference to relevant landmark trials. What are the challenges of post-NACT BCS in LABC ? 6+4
4. Discuss pathophysiology of H pylori infection and its current management. 6+4
5. What are the causes of development of Abdominal Compartment Syndrome. What are its physiological consequences. Discuss diagnosis and treatment of ACS. 2+2+6
6. Discuss various Surgical risk scores used for identifying high-risk surgical patients. 10
7. Classify MEN Syndrome. Discuss the management of MEN 2. 3+7
8. Elements of Level-I Trauma Centre. How to preserve and transport an amputated part for possible re-implantation? 5+5
9. Aetiopathogenesis of incisional Hernia. Indications and principles of 'Component Separation Technique' for incisional hernia repair. 4+6
10. Blood component separation and their role in surgery. 10