

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

Paper: II

Full Marks:100
Time: 3 hours*Attempt all questions*

1. Describe the development and surgical physiology of thyroid gland. How will you manage a case of thyrotoxicosis? 4+6
2. List out the surgical causes of hypertension. How would you approach a case of hypertension associated with an adrenal mass? 4+6
3. What are the types of Tracheoesophageal fistula in new born? Discuss the management of tracheoesophageal fistula. 4+6
4. Describe Clark level & Breslow depth classification of malignant melanoma. Outline management of a malignant melanoma of forearm 3cm diameter. 5+5
5. Write short notes on: 5+5
 - a) Barrett's esophagus.
 - b) Merits and demerits of gastric vs. Colonic conduit for oesophageal replacement.
6. Enumerate the principles of safe Laparoscopic Surgery. Discuss the technique of primary trocar incision. 5+5
7. Define obscure GI hemorrhage. Discuss briefly the various causes and the investigations required to evaluate obscure GI hemorrhage. 2+8
8. What are the gases used for creating pneumoperitoneum? What are the physiological effects of pneumoperitoneum and complications of pneumoperitoneum in laparoscopic surgery? 2+4+4
9. Discuss the surgical technique in closure of a midline abdominal incision. 10
10. Write short notes on: 5+5
 - a) Splenic abscess.
 - b) Sigmoid volvulus.