

The West Bengal University of Health Sciences
MS (General Surgery) November, 2021 Examination

Paper: IV

Full Marks: 100
Time: 3 hours

Attempt all questions

1. Discuss the role of adjuvant chemo-radiotherapy in stomach carcinoma as per current available evidence. What are the advantages of neo-adjuvant chemotherapy in non-metastatic cancer ? 5+5
2. Write short notes on: 5+5
 - a) Application of platelet rich plasma (PRP) in surgical practice.
 - b) The steps and complications of hair transplantation.
3. What do you mean by sectoral portal hypertension ? Discuss the aetiology, diagnosis & management of sectoral portal hypertension. 2+8
4. What is a clinical audit ? How many types of audit exist & what role do they serve ? How does it differ from research ? 2+3+5
5. Describe the modern investigation tools for localizing and diagnosing functioning adrenal tumors with special reference to bifunctional chelate based nuclear scans. What are the latest biochemical diagnostic criteria and imaging done for diagnosis and localization of insulinoma. 5+5
6. What is trans anal minimal invasive surgery (TAMIS) ? Give outline of its indications, contraindications, advantages and limitations. How is TAMIS different from trans-anal endoscopic microsurgery (TEM) ? 3+4+3
7. Presentation and management of obscure GI bleed. 5+5
8. What is hyperthermic intraperitoneal chemotherapy (HIPEC) ? Indications for HIPEC. Complications of HIPEC. 3+3+4
9. Different types of energy devices used in modern surgery. Principles of safe use of electrosurgery. 6+4
10. What are the advantages and limitation of robotic surgery compared to laparoscopic surgery ? 5+5