

SURGICAL ONCOLOGY

PAPER – I

Time : 3 hours
Max. Marks : 100

SURGONCO/D/10/47/1

Attempt all questions in order.
Each question carries 10 marks

Write short notes on:

1. Cell cycle.
2. Surgical anatomy of liver (Couinad's) and its significance in liver resections.
3. Role and limitations of Targeted therapy in breast cancer.
4. "Cell Lines" – the concept and clinical significance.
5. Photodynamic Therapy in cancers.
6. Limitations of PET-Scan in Oncology.
7. Surgical anatomy and important end points of ilio-inguinal block dissections in cancers.
8. Diagnostic tumor markers in gastrointestinal malignancies.
9. Clinical and therapeutic significance of "ITC" (Isolated Tumor Cells) and micro-metastasis.
10. Role of "Radio – Isotopes" in oncology.

SURGICAL ONCOLOGY

PAPER – II

Time : 3 hours
Max. Marks : 100

SURGONCO/D/10/47/II

Attempt all questions in order.
Each question carries 10 marks.

Write short notes on:

1. Optimum management of carcinoma breast in a 30-year old lady ($T_2 N_1 M_0$) positive family history and BRCA – I & II mutation positivity.
2. Speech rehabilitation after laryngectomy.
3. Evidence based management of " R_1 " resection in a 50-year old gentleman with retro-peritoneal rhabdo-myosarcoma.
4. Pitfalls and crucial issues in biopsy for soft tissue sarcomas.
5. Management of "neck" in a 50-years old lady with carcinoma oral tongue lateral border ($T_2 N_0 M_0$), non- tobacco abuser.
6. "Staging" and management of renal cell cancer in a 65-year old lady.
7. Management of "GIST" of stomach in a 30-year old gentleman.
8. Management of a "Doughnut Positive" after low anterior resection for rectal cancer in a 40-year old lady.
9. Predictors of outcome in the management of pancreatic cancers.
10. Risk stratification in thyroid cancers.

SURGICAL ONCOLOGY

PAPER – III

Time : 3 hours
Max. Marks : 100

SURGONCO/D/10/47/III

Attempt all questions in order.
Each question carries 10 marks

Write short notes on:

1. Intra Operative Radiation Therapy (IORT) – implications and limitations.
2. Laparoscopic surgery in oncology – the present status and future implications.
3. Sentinel node biopsy in colorectal cancers – the present status and the likely future.
4. “QOL” (Quantity of Life Issues) in cancers – the pitfalls and controversies.
5. Utility of skin sparing mastectomy in management of breast cancer.
6. Role of “Endoscopic Stenting” in oncology.
7. Role and limitations of “Radio-Frequency Ablation”.
8. Management of Pseudomyxoma peritonei.
9. Surgery for primary disease in patients with metastatic breast cancer.
10. NSABP B-31 Trial and its clinical implications.