

Time: Three Hours**Max. Marks: 100****SURGERY - PAPER – I (RS-4)****QP CODE: 1039****(QP Contains Two Pages)**

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

LONG ESSAYS**2 x 10 = 20 Marks**

1. 45 year old lady presents with a painless lump of 2x2 cm size to start within the right breast and has doubled the size in 6 months
 - a) What other history is needed?
 - b) What is your differential diagnosis?
 - c) How do you investigate?
 - d) Add a note on management of early breast carcinoma
2. 40 year old lady presents with swelling in the front of the neck of 10 years duration, gradually increasing in size
 - a) List the differential diagnosis
 - b) Symptoms of hyperthyroidism
 - c) Complications of multinodular goitre
 - d) Investigations for multinodular goitre

SHORT ESSAYS**8 x 5 = 40 Marks**

3. Enumerate types of shock and principles of resuscitation
4. Advantages and disadvantages of minimally invasive surgery
5. Enumerate clinical features and write a note on management of parathyroid adenoma
6. Enumerate clinical features and write a note on management of tension pneumothorax
7. Principles of laparoscopy
8. Clinical features and management of Pleomorphic adenoma
9. Investigations of a surgical patient
10. Complications of blood transfusion

SHORT ANSWERS**10 x 3 = 30 Marks**

11. Factors affecting wound healing
12. Clinical manifestation of Multiple endocrine neoplasia type 1
13. Glasgow coma scale in head injuries
14. Principles of organ transplantation
15. Ethics in general surgery
16. Indications for daycare surgery
17. Enumerate clinical features of cystic hygroma
18. How do you arrive at a diagnosis of squamous cell carcinoma of skin?
19. Immunological basis of transplantation
20. Parkland formula for burns

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Multiple Choice Questions

10 x 1 = 10 Marks

- 21 i) Pain caused by irritation of nerves
- Psychogenic pain
 - Nociceptive pain
 - Neuropathic pain
 - Inflammatory pain
- 21 ii) The following may be associated with Human Immunodeficiency Virus(HIV) **EXCEPT**
- Pneumocystitis Carinii Pneumonia
 - Kaposi's Sarcoma
 - Drug treatment is most effective in late phase
 - Drug treatment is most effective in early phase
- 21 iii) Branchial cyst, following is **TRUE**
- Sequestration dermoid
 - Presents at the upper end of neck
 - Seen at lower end of the neck
 - Develops from third branchial cleft
- 21 iv) Gas Gangrene, following is true **EXCEPT**
- Caused by Clostridium tetani
 - Occurs in immunocompromised patients
 - Antibiotic prophylaxis is necessary
 - Gas in soft tissue
- 21 v) Mondor's disease is
- Infection of scalp
 - Spontaneous thrombophlebitis of veins of leg
 - Spontaneous thrombophlebitis of veins of breast
 - Infection of the cheek
- 22 i) Metabolic response to trauma includes all **EXCEPT**
- Increased energy requirement
 - Decreased energy requirement
 - Increased nitrogen requirement
 - Increased gluconeogenesis
- 22 ii) Complication of blood transfusion includes all **EXCEPT**
- Febrile reaction
 - Allergic reaction
 - AIDS
 - Leukemia
- 22 iii) Cleft palate occurs due to
- Abnormal development of median nasal process
 - Abnormal development of maxillary process
 - Failure of fusion of palatine shelves
 - Failure of fusion of nasal bones
- 22 iv) Preoperative plan for better surgical outcome includes all **EXCEPT**
- Optimize patient condition
 - Informed consent
 - Document relevant information
 - No need to correct anaemia
- 22 v) Postoperative complications include all **EXCEPT**
- Hypotension
 - Chronic obstructive pulmonary disease
 - Pneumonia
 - Renal failure
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