

**DETAILED SYLLABUS FOR THE POST OF ASSISTANT PROFESSOR
(SURGERY) {GOVERNMENT HOMOEOPATHIC MEDICAL COLLEGE}**

(Cat.No. : 53/2020)

(Total Marks- 100)

1. SHOCK, HAEMORRHAGE, BLOOD TRANSFUSION (**10 MARKS**)
 - a. Definition of shock (1 mark)
 - b. Classification of shock(2 marks)
 - c. Classification of Haemorrhage (1 mark)
 - d. Resuscitation of Haemorrhagic shock(2 marks)
 - e. Indication for blood transfusion (1 mark)
 - f. Blood products (2 marks)
 - g. Complications of blood transfusion(1mark)
2. WOUND HEALING (**5 marks**)
 - a. Types of wound healing (1 mark)
 - b. Degloving injuries(1 mark)
 - c. Acute compartment syndrome(1 mark)
 - d. Necrotising fasciitis(1 mark)
 - e. Contractures(1 mark)
3. Surgical infections (**5 marks**)
 - a. Surgical site infection classification(1 mark)
 - b. Treatment of abscess(2 marks)
 - c. Paronychia and management(2 marks)
4. Trauma (**10 marks**)
 - a. Airway assessment and management(2marks)
 - b. Technique of CPR (2 marks)
 - c. Pneumothorax and management(2 marks)
 - d. FAST(2 marks)
 - e. TRIAGE (2 marks)
5. Aetiology,Diagnosis and management of Deep Vein thrombosis (**5 marks**)
6. Fluid resuscitation in burns (**2 marks**)
7. Fundamentals principles of skin grafting (**2 marks**)

8. Complications of burns(**1 mark**)
9. Tumours of salivary gland(**10 marks**)
 - a. Classification (2 marks)
 - b. Diagnosis of salivary gland neoplasm(2 marks)
 - c. Types of surgical procedures for parotidectomy(2 marks)
 - d. Complications of Parotidectomy(2 marks)
 - e. Management of facial nerve palsy(2 marks)
10. Thyroid swelling (**15 marks**)
 - a. Define goitre and classify types of goitres(2 marks)
 - b. Indications for surgery and preoperative assessment of thyroid swelling (5 marks)
 - c. Classification of thyroid malignancies(2 marks)
 - d. Complications of thyroidectomy (1 mark)
 - e. Postoperative follow up of a differentiated thyroid malignancy(5 marks)
11. Breast (**15 marks**)
 - a. Diagnosis , assessment and management of early, locally advanced and advanced carcinoma breast (5 marks)
 - b. Surgical options for operable breast cancer (2 marks)
 - c. Benign breast diseases(3 marks)
 - d. Screening mammogram(2 marks)
 - e. Breast self examination (3 marks)
12. Diagnosis and management of acute appendicitis (**5 marks**)
13. Complications of Inguinal hernia(**2 marks**)
14. Clinical management of Haemorrhoids and management of haemorrhoids (**3 marks**)
15. Classification, Investigations, evaluation and management of fistula in ano (**5 marks**)
16. Causes of acute right hypochondrial pain and management of acute cholecystitis(**5 marks**)

NOTE: - It may be noted that apart from the topics detailed above, questions from other topics prescribed for the educational .qualification of the post may also appear in the question paper