

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

**(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 appear in the question paper. There is no undertaking that all the topics above may be covered in the question paper**