

Total Marks 50

Time Allowed 2 Hours

1. Surgical anatomy of inguinal canal
 - a. Describe boundaries of inguinal canal 2
 - b. Describe location of Deep inguinal Ring 1
 - c. Name contents of spermatic cord 2
2. A 30 year old man has been brought to emergency room with H/o RTA at motorway. He is drwozy and bleeding in oral cavity. His vitals are HR 115/min, BP 85/50mm Hg. He has difficulty in breathing:
 - a. Write down step in maintaining his breathing 3
 - b. What are different way of maintaining definite airway 2
3. A 35 year old man presented in emergency with a lacerated wound at his right lower leg after a road traffic accident. on examination wound was oozing blood and full of dirt and ragged margins. Wound was washed thoroughly and cleaning was performed
 - a. What is appropriate method in wound management 1
 - b. Describe different phases of type of wound healing in such type of wound 2
 - c. What are the factors which influence the healing process 2
4. A 24 years lady had exploratory Laparotomy for ruptured ectopic pregnancy. She was transfused 4 units of whole blood during surgery
 - a. What possible complications can happen with multiple blood transfusions 3
 - b. Enlist four different blood by product with their indication to transfuse 2
5. A 55 years old patient with advanced oral cavity cancer. He is planned for mandibulotomy, excision of tumor and reconstruction on elective list
 - a. What is the best way for nutritional therapy in this patient postoperatively 1
 - b. How will you assess this patient for nutritional status 2
 - c. Name different components of nutritional therapy required in this patient. 2
6. A 35 years old man is brought to emergency room victim of flame burn and remained locked up in room for 15 minutes with smoke. On examination pulse 120/min, B.P 90/60 and oxygen saturation 88% on room air. There are burn wound over anterior chest wall and both arm.
 - a. Write down initial steps in management 3
 - b. How will you calculate fluids for this patient for first 24 hours 2
7. A 52 years man presented in outpatient clinic with severe rest pain in his lower legs for few month. He cannot sleep in the night. He is a chronic smoker for 30 years. On examination of lower limb there is hair loss in his right leg and dry skin. His right popliteal artery is not palpable.
 - a. What is your probable diagnosis 1
 - b. Which clinical test can explain severity of his disease 2
 - c. Name investigation which are helpful in confirming your diagnosis 2
8. A young boy presented in opd with irregular shaped thickened scar at his left shoulde tip with H/o traumatic wound while playing football. He is complaining of pain and itching in the scar
 - a. What is the difference between Keloid and hypertrophic scar 3
 - b. Enlist different treatment option for keloid scars 2

9. A 55 years old man is booked on elective list as hernioplasty for his right indirect inguinal hernia.
- a. What anaesthesia techniques can be employed 2
 - b. Briefly enumerate advantages and disadvantages for each technique 3
10. A 25 years old lady is diagnosed as lobular carcinoma after ultrasound guided FNAC. She is being advised MRI Breast in her staging workup
- a. Why MRI is preferred over mammography in this patient 1
 - b. What are the advantages of MRI in staging this disease 2
 - c. Enumerate limitation of this modality 2