

FINAL YEAR MBBS EXAMINATION 2016

SURGERY PAPER (I)

SEQ, s

TIME ALLOWED 2Hrs

TOTAL MARKS 50

Send up prot. S1
(S1) 2016? (5) (25)

(26)

(27/5)

(2.5)

268, 270 Bailey

- 143 Dogar
- 144 Dogar
- Q1. Describe the indications ~~management~~ & complication of total parenteral nutrition. (2.5)
- Q2. Classify burns. Write the fluid resuscitation for a patient with 40% burns. The weight of the patient is 55 kg? (3.5)
 4ml x patient body weight x % of burn
 50% is given in first 8 hours
 and the other 50% is given over the last 16 hours of the first day
- Q3. What are the facilitating & interfering factors in wound healing. how can adverse scar be prevented or managed? (2.5) (24 Bailey, 180 Dogar)
- Q4. A 22 years old man came with history of RTA presents with pallor & dyspnea on admission at the causality. how do you proceed to evaluate this patient? (2.5) various methods to arrest
- Q5. Discuss mechanism to control hemorrhage. Classify shock & discuss the management shock. add a note on vitamin k use in hemorrhage. (2.5) Hypokalemia
- Q6. Describe gangrene. discuss etiology, clinical feature investigation & management of patient with critical limb ischemia? (3) 55, 580 Bailey, 1213
- Q7. Discuss the Aetiology, clinical features, investigation treatment and complication of varicose viens? (3) 20, 14 Bailey
- Q8. Discuss regional anesthesia its usefulness & its complication? (2.5) 20, 200 Dogar, 903
- Q9. Discuss the benign pigmented lesions of skin and the management of malignant melanoma? (2.5) 11 (1, 1, 1) Bailey
- Q10. Short note (2.5) (585, 594 Bailey slides)
- a) Enteral feeding
 - b) Burkits lymphoma
 - Non-Hodgkin lymphoma.

Q102

4ml x weight x %age of Burn

4ml x 55 x 40.

8800ml

50% (4400ml) in 1st 8 hrs of injury, 50% in next 16 hrs.

Q1. A 68-year-old woman known case of recent MI, complains of sudden onset of severe pain in her right thigh, calf and leg of 3 hours duration. She has lost sensations from the mid-thigh distally.
 a. what is your diagnosis 2. Acute limb ischemia (ALI)
 b. how you will investigate 1.
 c. how you will treat 2. (889 Bailey, 207 Dogar)

Q2. A 74-year-old man complains of a tender cord-like structure along the medial side of his entire right lower limb of two months duration. He has h/o abdominal and back pain and weight loss. US and CT scans of the abdomen showed a solid mass in the body of the pancreas.
 a. what is diagnosis for Rt. Lower limb 2. Superficial thrombophlebitis (917 Bailey)
 b. what other conditions can give rise to this condition 3. Varicose vein (223 Dogar)

Q3. A 50-year-old man is undergoing APR for CA colon. The operation proceeded smoothly for the first couple of hours. After the patient has his first unit of blood started the surgeon noticed unusual bleeding in the form of oozing in surgical field.
 a. What is your diagnosis 2. Transfusion Reaction (22, 277 Bailey)
 b. How will confirm 1. PT, APTT, INR 46 Dogar
 c. What complication can happened post operatively 2. 133 Dogar

Q4. A 40 year female is planned for TAH for fibroid. She is strict Jehovah's witness and refuses to have donated blood transfusion.
 How will you solve the issue 5. -135 Dogar (135 Dogar) (22 Bailey)

Q5. a. Define shock (1) (13 Bailey, 123 Dogar)
 b. classify shock (2)
 c. How will you assess severity of shock (2)

Q6. write short note on:
 a. Healing by secondary intention (2) 178 D
 b. What are different phases of normal wound healing (3) 177 D

Q7. A 50 yr. old male patient undergone above-knee amputation because of diabetic gangrene. After one week patient develops severe bleeding from the stump. Explain?

a. What type of hemorrhage is this? (1) Secondary Haemorrhage
 b. What is the cause of hemorrhage in your patient (1) (59 Bailey)
 d. Describe other types of hemorrhages (3)

Q8. 68 yrs. old women underwent amputation following a badly crush injury of her Rt. leg. Three days after operation she develops fever and tachycardia and looks very toxic. Her amputation site looks red and swollen with crepitus in muscle planes.

a. what is your diagnosis 1.5 Gas gangrene (or) gangrene (57 Bailey)
 b. what is the cause of this infection 1.
 c. what suggestive radiographic finding would you anticipate in the stump. 1 → Gas in soft tissue
 d. suggest antibiotics with dosage. 1.5 → Benzyl penicillin → 20-24 million units
Merkapazole → 2g-4g mg 9%

Q9. A 80 kg adult male patient sustains flame burn involving head, neck and whole of anterior chest.
 a. measure the area of burn 1. 18%
 b. calculate fluid requirement of the Pt. 2 4ml x 80 x 18 9% (5760ml) (386, 388 Bailey)
 c. what are clinical features suggestive of inhalation burn?

Q10. A 40 yr. old man presents with gastric outlet obstruction. His wt. is 45 kg. Na. 125mEq. K 2.0mEq. ph. 7.55. How will you prepare the pt. for operation. 5 -P-107 Dogar

Same method as on send up 2020 (Deficit for Na⁺ & K⁺)

Superior University Page 1
 110, Q#2
 35-40ml/kg/day (45 kg wt)
 Fluid required → 1800ml (almost 2L)/day
 Na⁺ 1-2 mmol/kg/day → 90 mmol/day
 K⁺ 0.5-1 mmol/kg/day → 45 mmol/day