

## Registration Examination—(General Nurses)

3RD DECEMBER, 1980

## SURGICAL NURSING

## SECTION B

## Important:—

Read the questions very carefully.

Answer only what is asked as no marks will be given for irrelevant material.

ALL questions are compulsory.

1. A 30-year-old married woman is admitted with severe burns to 25% of her body following a fire in her home.
- What is the significance of the percentage of surface area of the body which has been burnt? —[1 mark]
  - How does the depth of the burn affect the management of the burn? —[1 mark]
  - Describe the observations which should be made of this patient during the first 36 hours and state the changes which would indicate deterioration of her condition. —[8 marks]
  - State the reasons for performing the following blood examinations:—
    - haematocrit, —[1 mark]
    - serum electrolytes, —[1 mark]
    - haemoglobin. —[1 mark]
  - State four (4) important measures which should be taken to prevent infection. —[4 marks]
  - Identify the specific psychological and emotional problems that this patient may have. —[3 marks] —[20 marks]
2. A 35-year-old female patient admitted to your ward is to undergo the operation of sub-total thyroidectomy for the condition of thyrotoxicosis.
- What specific pre-operative care is required? —[5 marks]
  - What observations may indicate the onset of reactionary haemorrhage post-operatively? —[5 marks]
  - What nursing measures may be required if reactionary haemorrhage occurs? —[5 marks] —[15 marks]
3. A 28-year-old married woman is admitted to hospital suffering from ruptured ectopic pregnancy.
- Define ruptured ectopic pregnancy. —[2 marks]
  - List five (5) symptoms and signs which may be present. —[5 marks]
  - State the main objectives of the treatment of this condition. —[3 marks] —[10 marks]

4. A male patient has been admitted with suspected occlusion of the left femoral artery.

- (a) What explanation should be given the patient about the angiogram which is to be performed? —[2 marks]
- (b) Outline the physical preparation of the patient for angiography. —[2 marks]
- (c) Describe the care of the affected limb in the first 12 hours following femoro-popliteal bypass surgery. —[4 marks]
- (d) The patient is discharged and is to continue anticoagulant therapy at home.
- (i) Name the specific test to regulate Warfarin (Coumadin) dosage. —[½ mark]
- (ii) Name three (3) important points in the teaching of the patient regarding this type of therapy. —[1½ marks]
- [10 marks]

5. (a) Define strabismus. —[1 mark]
- (b) Why is it important that strabismus be corrected in children before the age of about 7 years? —[2 marks]
- (c) Name two (2) of the methods used to correct strabismus. —[2 marks]
- [5 marks]

6. (a) (i) Define osteomyelitis. —[2 marks]
- (ii) What organism most frequently causes this condition? —[2 marks]
- (b) Name two (2) tests which may be carried out to aid in diagnosis of this condition. —[2 marks]
- (c) If conservative medical treatment fails, surgery may be undertaken. Briefly describe what surgical treatment would involve. —[2 marks]
- (d) Name four (4) symptoms and signs of osteomyelitis. —[4 marks]
- [10 marks]