

VICTORIAN NURSING COUNCIL

Nurses Act 1958

REGISTRATION EXAMINATION - (GENERAL NURSES)

7TH APRIL, 1983

EXAMINERS' GUIDE TO MEDICAL NURSING - SECTION B

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The following is forwarded as a general indication to examiners of the essential information expected in answers to the various questions. The suggestions are not intended to be either complete or inflexible, but it is hoped they may be of some guidance to examiners and to that extent lead to uniformity of marking.

- Question 1.
- (a) Coryza, muscle and joint pain, cough, headache, pyrexia, malaise. -(3 marks)
 - (b) High risk of bronchopneumonia. -(1 mark)
 - (c) (i) Barrier nursing techniques stressing prevention of airborne infection, incineration of sputum, tissues, use of masks, draught prevention, nutrition of staff. -(3 marks)
 - (ii) Postural drainage/percussion regime as outlined by physiotherapist. Education in coughing, breathing, expectorating effectively. Maintenance of adequate fluid intake. Teaching correct use of atomised mucolytics and bronchial dilators as prescribed. Bed position - use of aids - table, cradle. -(5 marks)
 - (iii) Educate - avoid cold damp conditions; avoid crowded places in winter; do not smoke; maintenance of continuing good nutritional state; seek medical help if changes in sputum or other signs of infection, annual influenza vaccine. -(5 marks)
 - (d) Broad spectrum antibiotic, e.g. Bactrim or Tetracycline.)
Choledyl.)
Aminophylline - suppository, aerosol or I.V.) Bronchial
Ventolin - oral or aerosol) Dilators
or Alupent - oral and aerosol)
Hydrocortisone
Mucomyst) Mucolytic
Atomised H₂O) -(3 marks)
-(20 marks)
- Question 2.
- (a) Weight loss in spite of increased calorie intake. Emotional lability - features of sympathetic overactivity, e.g., tachycardia day and night, anxiety etc. Menstrual disorders - gastro-intestinal disturbances, e.g., diarrhoea. -(2 marks)
 - (b) Carbimazole: Watch for rash, agranulocytosis, alopecia. Radioactive iodine: Development of hypothyroidism. Propranolol. Bradycardia, bronchospasm in asthmatics or other acceptable answer. Lugol's iodine not acceptable. -(3 marks)
-(5 marks)
- Question 3.
- (a) Blockage of a branch of a coronary artery resulting in ischaemia of the myocardium causing death of tissue. -(2 marks)
 - (b) Severe retrosternal pain, radiated into the neck, jaw, down the left arm - maybe across the chest down the right arm. B.P. lowered. Skin ashen grey, cold, clammy. Pulse rapid, arrhythmias. Patient is dazed and apprehensive - he fears death. -(4 marks)
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Question 5. (Contd.)

Correct positioning of patient. Prevention of pressure sores.
Care of mouth. Care of eyes. Care of bladder.
General aspects of psychological care.
As condition improves - gradual ambulation; increasing
physical and mental activity.
($\frac{1}{2}$ mark each up to allowed maximum)

-(10 marks)

Question 6.

- (a) Depression of bone marrow resulting in reduction
red blood cells, white blood cells and platelets. -(2 marks)
- (b) Stop causative agent, reverse barrier nurse,
antibiotics, blood transfusion, use of androgens
and steroid therapy, marrow transplant.
(Any reasonable outline). -(3 marks)

-(5 marks)
