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VICTORIAN NURSING COUNCIL

Nurses Act 1958

Nurses' Final Examination – General Nurse Training

5TH AUGUST, 1976.

MEDICAL NURSING

Time allowed: Three hours

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) Define active immunity. —[2 marks]
 - (b) State two (2) groups of immunizing agents, which can be administered to induce an active immunity. —[2 marks]
 - (c) Define passive immunity. —[2 marks]
 - (d) In what situations is immunization given to obtain a passive immunity in a person? —[2 marks]
 - (e) State the main signs and symptoms which would indicate the development of an anaphylactic reaction in a patient following the administration of an anti-toxic serum. —[2 marks]
- [10 marks]
2. Name two (2) important complications of each of the following conditions:—
 - (a) Measles (morbilli). —[1 mark]
 - (b) Peptic ulcer. —[1 mark]
 - (c) Prolonged bed rest. —[1 mark]
 - (d) Rheumatic fever. —[1 mark]
 - (e) Bacterial meningitis. —[1 mark]
 - (f) Acute otitis media. —[1 mark]
 - (g) Acute glomerulo-nephritis. —[1 mark]
 - (h) Gonorrhoea. —[1 mark]
- [8 marks]
3. What do you understand by the following terms? In each instance illustrate your answer by two (2) important pre-disposing factors or conditions.
 - (a) Atherosclerosis.
 - (b) Tissue infarction.
 - (c) Cardiac tamponade.
 - (d) Aneurysm.
 - (e) Pulse deficit.
- [10 marks]

4. Name one (1) condition for which the following drugs may be ordered and include in your answer their specific action and untoward effects.
- (a) Indomethacin. (Indocid). —[2 marks]
 (b) Nalorphine. (Lethidrone). —[2 marks]
 (c) Heparin. —[2 marks]
 (d) Prednisolone. —[2 marks]
 (e) Azathioprine. (Imuran). —[2 marks]
- [10 marks]
5. A middle-aged male patient is admitted to hospital suffering from cirrhosis of the liver.
- (a) Name two (2) common causes of this condition. —[1 mark]
 (b) With what manifestations might he present? —[3 marks]
 (c) Briefly describe the medical and nursing measures which would be employed to alleviate the symptoms. —[9 marks]
 (d) Whilst in hospital, the patient develops liver failure.
 (i) What observations should have alerted the nurse to his impending liver failure? —[2 marks]
 (ii) What major foodstuff(s) is eliminated from his diet during this stage and why? —[2 marks]
 (e) What advice would you give a patient suffering from cirrhosis of the liver on discharge from hospital? —[3 marks]
- [20 marks]
6. (a) Name the hormones secreted in excessive amounts in hyperthyroidism (thyrotoxicosis). —[1 mark]
 (b) Why does a young woman with hyperthyroidism have heat intolerance and sweating, good appetite, but weight loss? —[2 marks]
 (c) Name two (2) different types of drugs (other than sedatives, tranquillizers and hypnotics) which the physician may order as part of her medical treatment and state the action of these drugs. —[4 marks]
 (d) Name two (2) common complications of thyrotoxicosis. —[1 mark]
- [8 marks]
7. Describe the following conditions and give one (1) example of a disease in which each may occur.
- | | |
|-------------------------|-------------|
| Positive Kernig's sign. | Petechiae. |
| Nystagmus. | Leukopenia. |
| Otorrhoea. | |
| Ataxia. | |
- [12 marks]
8. Name two (2) characteristics of the stool in each of the following conditions:—
- (a) Coeliac disease.
 (b) Ulcerative colitis.
 (c) Obstructive jaundice.
 (d) Carcinoma of the lower colon.
- [4 marks]
9. (a) Define anaemia. —[1 mark]
 (b) List four (4) causes of iron deficiency anaemia. —[2 marks]
 (c) Give the clinical features of iron deficiency anaemia. —[2 marks]
 (d) By what routes may iron be administered? —[1 mark]
 (e) Give two (2) major non-gastrointestinal side effects of iron therapy. —[2 marks]
- [8 marks]
10. (a) Name two (2) causal organisms of infective gastro-enteritis. —[2 marks]
 (b) How is this type of disease spread? —[2 marks]
 (c) List Public Health measures used in Australia to prevent spread of this infection. —[6 marks]
- [10 marks]