

Ollscoil na hEireann
The National University of Ireland
National University of Ireland, Galway
Winter Examinations 2003
M.B., B.Ch, B.A.O. Written

MEDICINE

PAPER 2

Professor T. O'Brien

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Time allowed : Three Hours

EACH QUESTION (A,B,C,D &E) MUST BE ANSWERED ON A SEPARATE ANSWER BOOK

Section A

Write notes on :

- 1) Treatment options for Graves Disease
- 2) Differential diagnosis of hypercalcaemia
- 3) Management of diabetic ketoacidosis

Section B

A patient complains of joint pains and itching. The patient is slightly jaundiced. There are scratch marks on the skin, which is pigmented. The liver is enlarged but the spleen is not palpable. In answer to a direct question the patient says that the urine is dark and the stool normal in colour. You request Liver Chemistries. They show a Bilirubin of 54 micromoles per litre, an Alkaline Phosphatase of 960 IU per litre and a Gamma Glutamyl Transferase (GGT) of 1200 IU per litre.

- 1) Would the age of the patient influence your differential diagnosis?
- 2) Would the duration of symptoms influence your differential diagnosis?
- 3) Would the sex of the patient influence your differential diagnosis?
- 4) How would you distinguish between an intrahepatic and extrahepatic cause for the findings?

Section C

Write notes on : -

- 1) Iron deficiency
- 2) Vitamin B₁₂ Deficiency
- 3) Vitamin K deficiency

Section D

Write an account of both the following :

- 1) Viral infections confined to the skin and cutaneous manifestations of systemic viral infections.
- 2) Psoriasis, its aetiology, precipitating factors, types, diagnosis, cutaneous and non-cutaneous manifestations and treatment.

Section E

Discuss the initial assessment and management of a 75 year old woman presenting with hemiparetic stroke.