



THE COLLEGES OF MEDICINE OF SOUTH AFRICA

Incorporated Association not for gain
Reg No 1955/000003/08

Examination for the Certificate in Clinical Haematology of the
College of Pathologists and Physicians of the Colleges of Medicine of South Africa

27 July 2018



1 Paper only

(3 hours)

All questions to be answered. Each question to be answered in a separate book (or books if more than one is required for the one answer)

- 1
 - a) Write an essay on the pathogenesis, diagnosis and management of primary central nervous system lymphoma (PCNSL). (18)
 - b) Discuss the mechanism of action, indications and clinical outcome of blinatumomab. (7)[25]

- 2 Write short notes on all of the following questions
 - a) Transfusion associated circulatory overload (TACO). (8)
 - b) Discuss the possible treatment strategies for relapsed/refractory acute myeloid leukaemia. (10)
 - c) Splenic sequestration crisis in sickle cell disease. (7)[25]

- 3 Discuss your approach to the diagnosis and management of a 25-year-old lady, currently 16 weeks pregnant (PoG1), who is referred with suspected pulmonary embolism. [25]

- 4 Write short notes on all of the following questions
 - a) Internal quality control in laboratory practice. (8)
 - b) Diagnosis and management of platelet refractoriness. (6)
 - c) Laboratory management of a patient with newly diagnosed chronic myeloid leukaemia. (6)
 - d) Diagnosis and management of pure red cell aplasia (PRCA). (5)[25]