

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (CLINICAL ONCOLOGY) PART II EXAMINATION
(PROSPECTUS 2007) – SEPTEMBER 2016

Date :- 7th September 2016

Time :- 2.00 p.m.- 4.00 p.m.

PAPER I

Answer **ALL FOUR** questions.

Answer **each question in a separate book.**

Please write legibly.

1. Write short notes on:

- 1.1. Critically analyze the place of better imaging in modern curative radiotherapy with emphasis on treatment planning, treatment delivery and treatment evaluation. (30 marks)
- 1.2. Describe methods of reducing treatment related toxicities, in the radical radiation of Head and Neck cancer? (40 marks)
- 1.3. Describe how you could improve the overall waiting times for radiotherapy at your centre and the evidence for these approaches. (30 marks)

2. Write short notes on the prevalence, causes, investigation and treatment of cancer related fatigue. (100 marks)

3. Write short notes on:

- 3.1. The prognostic and predictive factors in early, non-metastatic breast cancer. (80 marks)
- 3.2. The clinical use of Radium 223 (²²³Ra) dichloride. (20 marks)

4. Write short notes on:

- 4.1. Human papilloma virus associated head and neck cancer. (50 marks)
- 4.2. The indications, methods and results of radiotherapy in pituitary adenomas. (30 marks)
- 4.3. Prophylactic Cranial Irradiation in non small cell lung cancer including your treatment technique and dose. (20 marks)