

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (CLINICAL ONCOLOGY) PART II EXAMINATION
(2012 PROSPECTUS) – SEPTEMBER 2017

Date :- 15th September 2017

Time :- 2.00 p.m. – 4.00 p.m.

PAPER I

Answer all four (04) questions.

Answer each question in a separate book.

Please write legibly.

1. A 46 year old teacher, mother of two daughters of 20 and 23 years, from Polonnaruwa, was treated for breast cancer with surgery and adjuvant therapy at National Cancer Institute, Maharagama.

Three years later she developed metastasis in lungs and bone. Despite extensive chemotherapy the disease progressed.

Her daughters are worried their mother is finding it difficult to sleep and has to be seated bending forward all night as she finds it difficult to breathe.

Her oncologist decided there is no benefit from further chemotherapy for her.

She still has hopes to live and arrange the marriage of her two daughters.

How do you address the palliative care issues in this patient? (100 marks)

2.

- 2.1. Describe the symptoms, pathology and radiation dose consideration with regards to the complications of spinal cord irradiation. (50 marks)

- 2.2. Describe the symptoms, signs and causes of neoplastic brachial plexopathy and how you would differentiate between this and radiation injury? (25 marks)

- 2.3. What can be done to reduce the likelihood of radiation plexopathy when treating breast cancer? (25 marks)

3. Identify common oncological emergencies and write short notes on their treatment. (100 marks)

4. Write short notes on:
 - 4.1. The treatment options, response rates and side effects of systemic treatment in advanced malignant melanoma. (55 marks)
 - 4.2. The causes of kidney failure in multiple myeloma. (25 marks)
 - 4.3. Pseudo-progression following concurrent temozolomide/radiotherapy for high-grade glioma. (20 marks)