

FINAL EXAM
 DECEMBER 2015

NATIONAL BOARD OF EXAMINATIONS

MEDICAL ONCOLOGY

PAPER – III

MED.ONCO/D/15/17/III

Time : 3 hours

Max. Marks : 100

Important instructions:

- Attempt all questions in order.
- Each question carries 10 marks.
- Read the question carefully and answer to the point neatly and legibly.
- Do not leave any blank pages between two answers.
- Indicate the question number correctly for the answer in the margin space.
- Answer all the parts of a single question together.
- Start the answer to a question on a fresh page or leave adequate space between two answers.
- Draw table/diagrams/flowcharts wherever appropriate.

Write short notes on:

1.	A 26 year old lady was diagnosed with stage IIBx Hodgkin's Lymphoma. Explain briefly the treatment options, prognosis for initial treatment and after relapse.	4+2+4
2.	a) Enumerate the primary tumors of testes in a 25 years old male. b) Outline the treatment of high risk mixed germ cell tumor and its long term complications.	2+6+2
3.	a) Importance of taking family history in breast cancer. b) Various interventional strategies evolved thereof in the management of a 35 year old lady with stage III breast cancer with strong family history.	4+6
4.	a) Classification and pathology malignant brain tumors. b) How knowledge of molecular biology of Glioblastoma multiforme has impacted its management?	(2+4)+4
5.	a) Epidemiology of esophageal cancer. b) Outline the combined modality treatment for a locally advanced esophageal cancer in a 55 year old lady with ECOG Performance Score of I.	3+7
6.	a) Classify anti fungal drugs. b) Indications, merits and demerits of each class of anti fungal agents.	2+8
7.	a) Risk factors for Gall bladder and Pancreas cancer. b) Role of adjuvant treatment in adenocarcinoma of pancreas and gall bladder.	(2+2)+(3+3)
8.	a) Merits and demerits of various conditioning regimen used for allogeneic hemopoietic stem cell transplantation of acute myeloblastic leukemia (AML). b) Name potential regimen related complications in 1 st 30 days of transplant.	(3+3)+4
9.	Classify hormonal agents used for treatment of prostate cancer. Briefly mention their indications, pharmacology and mechanism of resistance and strategies to overcome resistance.	2+(2+2+2+2)
10.	a) TNM staging of urinary bladder cancer. b) Compare various treatment options in a 50 year old male with T ₃ N ₀ urinary bladder cancer.	3+7
