FINAL EXAM
DECEMBER 2015

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 II Bx Hodgkin’s Lymphoma. Explain briefly the treatment options, prognosis for initial treatment and after relapse.

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.

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. a) Classification and pathology malignant brain tumors.
   b) How knowledge of molecular biology of Glioblastoma multiforme has impacted its management?

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.

6. a) Classify anti fungal drugs.
   b) Indications, merits and demerits of each class of anti fungal agents.

7. a) Risk factors for Gall bladder and Pancreas cancer.
   b) Role of adjuvant treatment in adenocarcinoma of pancreas and gall bladder.

8. a) Merits and demerits of various conditioning regimen used for allogenic hemopoietic stem cell transplantation of acute myeloblastic leukemia (AML).
   b) Name potential regimen related complications in 1st 30 days of transplant.

9. Classify hormonal agents used for treatment of prostate cancer. Briefly mention their indications, pharmacology and mechanism of resistance and strategies to overcome resistance.

10. a) TNM staging of urinary bladder cancer.
     b) Compare various treatment options in a 50 year old male with T3N0 urinary bladder cancer.

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POSSESSION / USE OF CELL PHONES OR ANY SUCH ELECTRONIC GADGETS IS NOT PERMITTED INSIDE THE EXAMINATION HALL.