GENERAL MEDICINE
PAPER – I

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) Define atopy.  
   b) Outline the pathophysiology of bronchial asthma.  
   c) Pulmonary function abnormalities in bronchial asthma.  
   (2+5+3)

2. a) What is exfoliative dermatitis? Enumerate its causes.  
    b) What haemodynamic alterations are expected in such a patient?  
    c) Medical complications of generalized exfoliation.  
    (2+2)+3+3

3. a) Case control study.  
    b) Its advantages and disadvantages.  
    (2+(4+4))

4. a) Neural circuit responsible for the cough reflex.  
    b) Enumerate causes of cough.  
    c) Clinical histories and findings which would help to localize the cause of cough in a given individual.  
    (3+2+5)

5. a) What is autologous bone marrow transplantation?  
    b) What are its indications?  
    c) Complications of bone marrow transplantation.  
    (3+2+5)

6. a) Define secondary diabetes and enumerate its causes.  
    b) What investigations will you perform in a patient with suspected secondary diabetes?  
    (2+3)+5

7. a) When will you suspect that a patient is suffering from panhypopituitarism?  
    b) What clinical features give a clue to your diagnosis?  
    c) What investigations are needed to confirm your diagnosis?  
    (3+4+3)

8. a) Peripartum cardiomyopathy.  
    b) Puerperal psychosis.  
    (5+5)

P.T.O.
9. a) How is temperature regulated in the body?  
b) How is it altered in presence of an invading viral illness?  
c) How does it differ from a patient having high fever after a prolonged sun exposure?  

10. a) Principles of adult immunization.  
b) Immunization of a healthy 70 year old female.  
c) Immunization of a 40 years old male with splenectomy.