

GENERAL MEDICINE

PAPER – I

MED/APRIL/16/11/I

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) Define atopy. 2+5+3
b) Outline the pathophysiology of bronchial asthma.
c) Pulmonary function abnormalities in bronchial asthma.
2. a) What is exfoliative dermatitis? Enumerate its causes. (2+2)+3+3
b) What haemodynamic alterations are expected in such a patient?
c) Medical complications of generalized exfoliation.
3. a) Case control study. 2+(4+4)
b) Its advantages and disadvantages.
4. a) Neural circuit responsible for the cough reflex. 3+2+5
b) Enumerate causes of cough.
c) Clinical histories and findings which would help to localize the cause of cough in a given individual.
5. a) What is autologous bone marrow transplantation? 3+2+5
b) What are its indications?
c) Complications of bone marrow transplantation.
6. a) Define secondary diabetes and enumerate its causes. (2+3)+5
b) What investigations will you perform in a patient with suspected secondary diabetes?
7. a) When will you suspect that a patient is suffering from panhypopituitarism? 3+4+3
b) What clinical features give a clue to your diagnosis?
c) What investigations are needed to confirm your diagnosis?
8. a) Peripartum cardiomyopathy. 5+5
b) Puerperal psychosis.

P.T.O.

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9. a) How is temperature regulated in the body? 4+3+3
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. 4+3+3
b) Immunization of a healthy 70 year old female.
c) Immunization of a 40 years old male with splenectomy.
