

**GENERAL MEDICINE**

PAPER-I

TIME: 3 HOURS  
MAX. MARKS: 100

MED/J/18/11/I

**IMPORTANT INSTRUCTIONS**

- This question paper consists of 10 questions divided into Part "A" and part "B", each part containing 5 questions.
- Answers to questions of part A and part B are to be strictly attempted in separate answer sheet(s) and the main + supplementary answer sheet(s) used for each part must be tagged separately.
- Answers to question(s) of Part A attempted in answer sheet(s) of part B or Vice versa shall not be evaluated.
- Answer sheets of Part A and Part B are not to be tagged together.
- Part A and Part B should be mentioned only on the covering page of the respective answer sheets.
- 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:

**PART A**

1. a) Pharmacogenomics – Definition and clinical relevance. 4+3+3  
b) Cardiac Cycle.  
c) Circle of Willis- Basic and applied anatomy.
2. a) Glycaemic variability and its clinical relevance 4+(2+2+2)  
b) Diagnosis & treatment of diabetic ketoacidosis and monitoring while treating.
3. What is pregnancy induced hypertension? Write about its pathophysiology, diagnosis, treatment and complications. 1+(2+2+3+2)
4. Define obesity and write about its complications and management. 2+4+4
5. a) Pathophysiology of vertigo and its causes. (2+2)+(2+4)  
b) Recurrent jaundice - Causes and clinical evaluation.

**GENERAL MEDICINE**

PAPER-I

**Please read carefully the important instructions mentioned on Page '1'**

- Answers to questions of Part A and part B are to be strictly attempted in separate answer sheets and the main + supplementary answer sheets used for each part must be tagged separately.
- Answers to question(s) of Part A attempted in answer sheets of Part B or vice versa shall not be evaluated.

**PART B**

6. a) Clinical evaluation of a 70-year old female patient with acute new onset headache. 4+(2+2+2)  
b) Clinical features, diagnosis and treatment of pheochromocytoma.
7. a) Define and give the significance of Sensitivity and Specificity, Absolute and Relative Risk Reduction. (2+2+2+2)+2  
b) Interpretation of P value.
8. a) Clinical features, types and treatment of urticaria. (2+2+2)+(2+2)  
b) Transfusion transmitted infections - agents and prevention.
9. a) Clinical features, pathogenesis and treatment of heat stroke. 2+2+2+(2+2)  
b) Green House effect and its impact on human health.
10. a) Health advice for International travel. 4+(3+3)  
b) Clinical features and treatment of Schizophrenia.

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