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. Physiological role, pharmacological function and clinical use of Vitamin-D.
   
   
   
4. Etiopathogenesis, management and recent advances for treatment of Alzheimer’s disease (AD).
   
   
6. a) Pathophysiology and management of supra-ventricular tachycardia.
   b) Limitations of amiodarone as antiarrhythmic agent.
   
7. Uses, advantages and adverse effects of Selective Serotonin Re-uptake inhibitor (SSRIs).
   
8. a) Current approaches in the management of metabolic syndrome.
   b) Mechanism of action and adverse effects of metformin.
   
9. a) Classify general anesthetic agents.
   b) Mechanism of action, therapeutic uses, adverse effects and precautions of propofol.
   
10. a) Type I and type II error
    b) Student ‘t’ test
    c) ANOVA test

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