

[Time: 2½ hours]

[Marks:60]

Please check whether you have got the right question paper.

- N.B:**
1. All questions are compulsory.
 2. Figures to the right indicate full marks.
 3. Mixing of sub questions is not allowed.
 4. Draw diagrams wherever necessary.

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|------|----|---|----|
| Q.1 | a) | Explain the reflex action and coma. | 06 |
| | b) | Explain structure and function of heart. | 06 |
| | | OR | |
| | c) | Write a note on disorders of male and female reproductive system. | 06 |
| Q.2 | a) | Write a note on causes, symptoms and treatment for laryngitis | 06 |
| | b) | Explain anatomy, histology, secretion and function of small intestine | 06 |
| | | OR | |
| | c) | Write brief note on pathway for taste. | 06 |
| Q.3. | a) | List various categories of risk factors for CVD. Elaborate on Category 1 | 06 |
| | b) | Explain the Role of dietary fiber in Diabetes mellitus and colon cancer. | 06 |
| | | OR | |
| | c) | What is food intolerance and elaborate the symptoms of food intolerance. | 06 |
| Q.4 | a) | What is dietary fiber? List the two types. Explain the role of dietary fiber in colon cancer. | 06 |
| | b) | What are the physiological disturbances in the body due to diarrhoea? Also highlight the dietary management in diarrhoea. | 06 |
| | | OR | |
| | c) | Discuss the medical nutrition therapy for a Hepatitis patient. | 06 |
| Q.5 | | Write short note : (ANY THREE) | 12 |
| | a | Define hypertension and salt sensitive hypertension. | |
| | b | What is an excipient and list 2 examples of interactive excipients. | |
| | c | Coagulation of blood | |
| | d | Explain Urine formation | |
| | e | Discuss the types of food allergies. | |