

**2018**

**M.Sc.**

**4th Semester Examination**

**CLINICAL NUTRITION & DIETETICS**

**PAPER—CND-403**

**Subject Code—25**

*Full Marks : 40*

*Time : 2 Hours*

*The figures in the right-hand margin indicate full marks.*

*Candidates are required to give their answers in their own words as far as practicable.*

*Illustrate the answers wherever necessary.*

*Answer Question No 1 and any three from the rest.*

1. Answer any *five* questions : 5×2
- (a) Write the full form of DPPC.
- (b) What is granulomatous growth ?

*(Turn Over)*

- (c) What is the major secretory substance of alveolar type-II cells ?
- (d) Write the full form of XDR-TB and MDR-TB.
- (e) Write the name of a common disease of the airways of lung.
- (f) What is emphysema ?
- (g) What is renal calculi ?
- (h) What is glomerulonephritis ?
2. (a) State the mode of transmission of pulmonary tuberculosis and mention how it attacks alveolar air sack.
- (b) How does *M. tuberculosis* protect itself from heat ?
- (c) Discuss the updated dietary guidelines for a tuberculosis patient. 4+1+5
3. (a) Classify the renal stones on the basis of the chemical nature.

(b) State the role of acid ash and alkaline ash diet for the prevention of renal calculi.

(c) Write the factors for the generation of renal calculi.

3+5+2

4. (a) What are the symptoms of glomerulonephritis ?

(b) State the guideline for the inclusion of protein and electrolytes in the therapeutic diet of the patients who are suffering from glomerulonephritis.

(c) Discuss the fluid volume intake of glomerular nephritic patient considering the metabolic water.

3+4+3

5. (a) What is COPD ?

(b) State the Path Physiology of COPD.

(c) Write the major clues which are considered for therapeutic diet formulation of the patient suffering from COPD.

2+3+5

6. (a) What do you mean by respiratory failure?
- (b) Write the major causative factors of respiratory failure.
- (c) Describe the limitation of inclusion of major nutrients in the therapeutic diet of respiratory failure patient.

3+2+5

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