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PG CBCS

M.Sc. Semester-IV Examination, 2022

NUTRITION &amp; DIETETICS

Paper Code: NUD 401

(FOOD AND NUTRITION SERVICES IN HOSPITAL AND NUTRITION IN CRITICAL CARE)

Full Marks: 40

Time: 2 Hours

**Write the answer for each unit in separate sheet**

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.

**Unit: 37****Food and Nutrition Service in Hospital****1. Answer any two questions:**

2×2 = 4

- Write the importance of TQM in health care?
- What are the types of hospital menu?
- What is PSDA model?
- Write the hospital management setup?

**2. Answer any two questions:**

2×4 = 8

- State about the workflow of catering department in hospital setup.
- Write the services provided by the primary health care setup.
- Briefly describe the role of administrative dietician in health care delivery.
- Write about the challenges of floor services in hospital.

**3. Answer any one questions:**

1×8 = 8

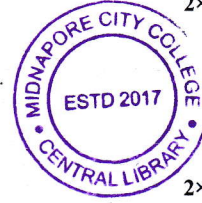
- Write the different aspects of Nutritional Health Policy, 2017. State about NITI AAYOG. 5+3 = 8
- What are the objectives of food service department in health care system? Write the different services provided by catering department in hospital. 6+2 = 8

(Turn Over)

(2)

**Unit – 38****Nutrition in Critical Care****1. Answer any two questions:**

- a) What is cytokine storm?
- b) Write the role of SGA as nutritional state assessment indices.
- c) What is Kaposi's sarcoma?
- d) What is external nutritional support in hospital?



2×2 = 4

**2. Answer any two questions:**

- a) Briefly describe the metabolic complications that associated with parental nutritional support.
- b) Write the genetical basis of cancer mentioning the different stages.
- c) What do you mean by Dumping syndrome? Describe the pathophysiology of Dumping syndrome?
- d) Write the advantages of peritoneal dialysis over haemodialysis. What do you mean by intradialytic parental nutrition?

2×4 = 8

1+3 = 4

2+2 = 4

**3. Answer any one question:**

1×8 = 8

- a) Classify burn according to TBSA affected of the patient. Discuss the role of dietary amino acids and anti-oxidant for the treatment of burn injury.
- b) What do you mean by SIRS? Write the diagnostic criteria of SIRS. Describe the role of arginine and glutamine as immune enhancing nutrients in critically ill patients.

2+4+2 = 8

2+2+4 = 8

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