

PG CBCS
M.Sc. Semester-III Examination-2019
M.Sc. NUTRITION & DIETETICS
Paper Code: NUD-302

Write the answer for each unit in separate sheet

Unit-27

(Computer Application & Bioinformatics)

1. Answer any two of the following questions: 2×2=4

- a) Convert $(11011011011)_2$ into hexadecimal and octal number.
- b) 1GB is equal to how many bit and byte?
- c) What is DBMS?
- d) What is system software?

Group-B

2. Answer any two of the following questions: 2×4=8

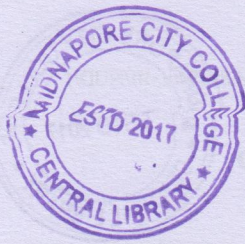
- a) What is internet and what are different components used in motor computer?
- b) Find $(29)_{10} - (23)_{10}$ using 2's complement method.
- c) State the function of OSI Layer.
- d) Describe LAN, CAN, NAN, and WAN.

Group-C

3. Answer any one of the following questions: 1×8=8

- a) i. What is system software?
ii. What is operating system?
iii. What are different types of operating system discussed with example? 2+2+4
- b) i. What is DBMS?
ii. What are applications of DBMS in biological system?
iii. What are Primary and foreign keys?

(P.T.O.)



(2)
Unit- 28
(Community Nutrition)

4. Answer any two of the following questions:

2×2=4

- a) Define IEC.
- b) What are the components of panchayet raj system?
- c) What do you mean by convergence model of communication?
- d) Write the objectives of DWACRA.

Group-B

5. Answer any two of the following questions:

2×4=8

- a) i. Write the significance of age pyramid.
ii. What do you mean by MMR?
- b) i. What do you mean by vital statistics?
ii. Write the role of WHO in nutrition intervention.
- c) How ASHA and anganwadi workers are dependant on each other?
- d) i. Write the different components of primary health care.
ii. What do you mean by nutrition surveillance?

2+2

1+3

4

3+1

Group-C

6. Answer any one of the following questions:

1×8=8

- a) i. How infection does cause malnutrition?
ii. Write the types of evaluation of nutritional programme.
iii. Write the importance of nutritional programme evaluation.
- b) i. Write the needs of voluntarism in community development.
ii. Discuss the activities of public distribution system.
iii. What are the objectives of National Nutrition Policy?

3+3+2

2+4+2
