

Third Semester Examination-2018

M.Sc. NUTRITION & DIETETICS

Paper Code: NUD-302

Full Marks: 40

Time: 2 Hours

Write the answer for each unit in separate sheet

Unit-27

(Computer Application & Bioinformatics)

Answer question no. 1 and any three from the rest.

1. Answer any five questions from the following: 1×5=5

- a) Convert $(1234)_{10}$ into binary equivalents.
- b) Convert 25BC into finery equivalent.
- c) What is system software?
- d) What are different types of operating system?
- e) 1GB is equivalent to how many bytes?
- f) What are the application of MS-Excel in office automation system?
- g) What is data base management system?
- h) What is RAM?

2. a) Draw the micro-computer architecture. 2+1½+1½=5

- b) Write about the different types of computer.
- c) Write about the different generation of computer.

3. a) Write notes on: 2+2+1=5

- i) System software,
- ii) Operating system,
- iii) Computer languages.

- 4. a)** How does file move from one drive to another in Windows based operating system? **1+1+3=5**
- b)** What is electronic spread sheet?
- c)** How electronic spread sheet used for statistical calculation and manipulation?
- 5. a)** What is internet? **1+1+3=5**
- b)** What is WWW?
- c)** Write notes on i) LAN, ii) MAN, iii) CAN
- 6. a)** What is utility software? **1+1+3=5**
- b)** What are cookies?
- c)** What is search engine? State its application in nutritional sciences.
- 7. a)** Write short notes on. **2+1+2=5**
- i)** Input and output devices
- ii)** Computer hardware
- iii)** Memory unit

Unit- 28

(Community Nutrition)

- 1. Answer any five questions from the following:** **1×5=5**
- a) Define Positive health
 - b) What do you mean by ‘Human Development Index’?
 - c) Define MMR.
 - d) What are the roles of NIN in nutritional programs?
 - e) What do you mean by IEC?
 - f) Write the role of UNICEF.
 - g) What is targeted public distribution system?
 - h) What is ‘Feeding minds, Fighting Hunger (FMFH)’?
- 2. a) What do you mean by ‘Epidemiological Triad’?** **2+3=5**
- b) What are the different methods of Communication?
- 3. a) Write the objectives of National Nutritional Policy.** **1+3+1=5**
- b) Mention the short term intervention programme taken in National Nutritional Policy.
 - c) Write the beneficiaries of PDS.

- 4. a) What is IRDP and DWCRA? 1+2+2=5**
- b) What are the strategies of DWCRA?**
- c) Write the limitations of IRDP.**
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- 5. a) Define vital statistics. 1+2+2=5**
- b) Write the role of CFTRI for nutrition program.**
- c) What are the main function of FAO?**
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- 6. a) Discuss the role of environment as a determinant of health. 3+2=5**
- b) What are the criteria for a good mental health?**
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- 7. a) Write the relationship between 'Community and Society'. 2+3+5**
- b) What are the factors influencing the community health?**
