

AU-1149

M.Sc. (Home Science) Food Science and Nutrition (Semester—IV) Examination

FOOD INFORMATICS

Paper—242FI60

Time : Two Hours]

[Maximum Marks : 45

Note :—(1) ALL questions are compulsory.

(2) All questions carry equal marks.

1. Solve the following :

1.1 State true or false :

1.1.1 The main aim of informatics is transformation of information. 1

1.1.2 Informatics shares knowledge through user's network. 1

1.1.3 Accurate information is available very instantly in informatics. 1

1.1.4 Informatics is not a new and developing field. 1

1.1.5 Food informatics is not useful for dieticians. 1

1.2 Give four areas covered under food informatics. 2

1.3 Write application of food informatics. 2

2. Answer in 2-3 lines :

2.1 Search engines 2

2.2 Databases in food and nutrition 2

2.3 Keyword search 2

2.4 Directory search 2

2.5 Features of databases. 1

3.	Do as directed :	
3.1	State the following briefly related to database :	
3.1.1	Table	1
3.1.2	Column	1
3.1.3	Row	1
3.1.4	Field	1
3.1.5	Record.	1
3.2	Define :	
3.2.1	Database organization	2
3.2.2	Online data collection.	2
4.	Attempt any <i>one</i> :	
4.1	Discuss in detail about data storage devices of a computer system.	9
	OR	
4.2	Describe functional parts of a computer system.	9
5.	Do as directed :	
5.1	Write the following :	
5.1.1	Four systems softwares	2
5.1.2	Four applications softwares	2
5.1.3	Four features of DBMS.	1
5.2	State the following :	
5.2.1	Softwares	2
5.2.2	Uses of DBMS.	1