

**BACHELOR IN HOTEL MANAGEMENT (BIHM)**

**Term-End Examination**

**June, 2014**

**BHY-052 : NUTRITION AND FOOD SCIENCE**

*Time : 3 hours*

*Maximum Marks : 100*

*Note : Attempt any five questions. All questions carry equal marks.*

1. Food is an important aspect of survival and maintenance of good health. Discuss. 20
2. What are dietary sources of energy ? Explain. 20
3. Discuss various factors affecting meal planning. 20
4. What is organoleptic evaluation ? Discuss. 20
5. (a) What are flavours ? Explain in detail.  
(b) What are Emulsions ? Explain their role in Food Industry. 10+10=20
6. What are requirement of balanced nutrition in osteoporosis or obesity ? 20
7. Classify carbohydrates. Also explain its functions. 20

8. What are lipids? Classify them and give their uses. 20
9. Write short notes on : 10+10=20  
(a) Vitamins  
(b) Minerals
10. Explain briefly : 5x4=20  
(a) RDA  
(b) BMR  
(c) SDA  
(d) Emulsions
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