

B.Sc. 3rd Semester (Honours) Examination, 2019

NUTRITION

Course ID : 32313

Course Code : SH/NUT/303/C-7

Course Title : Human Nutrition

Time: 1 Hour 15 Minutes

Full Marks: 25

The figures in the margin indicate full marks.

*Candidates are required to give their answers in their own words
as far as practicable.*

1. Answer *any five* out of the following questions: 1×5=5
- (a) What is colostrum?
 - (b) Define 'joule'.
 - (c) What do you mean by ACU?
 - (d) Write two symptoms of anorexia nervosa.
 - (e) Who are the beneficiaries of 'school lunch programme'?
 - (f) What do you mean by 'exclusive breast feeding'?
 - (g) What is eclampsia?
 - (h) What is SDA of food?
2. Answer *any two* out of the following questions: 5×2=10
- (a) What are the factors that affect the volume and composition of breast milk? What is let down reflex? 4+1=5
 - (b) Write the different features of growth and development during infancy. 5
 - (c) Why do energy and protein requirement increase during pregnancy? What is morning sickness? 1½×1½+2=5
 - (d) Write about three nutrition related problems during old age. 5
3. Answer *any one* out of the following questions: 10×1=10
- (a) What is BMR? Mention different factors affecting BMR. Describe the determination of energy value of food by bomb calorimeter. 2+4+4=10
 - (b) Why anemia is more common during pregnancy? The requirement of iron and folic acid are increased during pregnancy—explain with reason. What is pica? 2+6+2=10
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