

*SH-III/Nutrition/303C-7(T)/19***B.Sc. Semester III (Honours) Examination, 2018-19****NUTRITION****Course ID: 32313****Course Code: SHNUT-303C-7(T)****Course Title: Human Nutrition****Time: 1 Hours 15 minute****Full Marks: 25**

*The figures in the right hand side margin indicate 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) Write the RDA of iron and folic acid of a pregnant woman.
  - (b) Write two important difference between kwashiorkor and marasmus.
  - (c) What is lactagogue?
  - (d) Write the full form of FIT and PIH.
  - (e) What do you mean by gestational diabetes?
  - (f) Write down the principle of direct calorimetry.
  - (g) Distinguish between growth and development.
  - (h) Write two objectives of school lunch programme.
  
2. Answer *any two* out of the following questions: 5×2=10
  - (a) Write the free radical theory of ageing. Which type of dietary modification should be adopted during old age? 2+3=5
  - (b) Distinguish between physiological fuel value and gross fuel value. What are the factors that effect the thernic effect of food? What is REE? 2+2+1=5
  - (c) What do you mean by anorexia nervosa and bulimia nervosa? Write two important causes of anaemia among teenagers. 4+1=5
  - (d) Why do energy and protein requirement increase during lactation period? Write the impact of folic acid deficiency on the outcome of pregnancy. 3+2=5
  
3. Answer *any one* out of the following questions: 10×1=10
  - (a) Write the nutritional and immunological benefits of breast feeding. Write the difference between fore milk and hind milk. What do you mean by weaning? 6+2+2=10
  - (b) (i) What are the nutrition-related complications during pregnancy?  
(ii) What are the disadvantages and advantages of artificial feeding? 5+5=10