

B.Sc (Hons) FNS Semester-4 Examination

FNS 222

Maternal & Child Nutrition

Time : 2-30 Hours]

April-2024

[Max. Marks : 70

Instructions: Illustrate your answers with neat diagrams wherever necessary.

Q. 1 Write the following

- (i) Write down the physiological changes that occur during pregnancy. (7 Marks)
- (ii) Write a detailed note on the developmental stages of pregnancy. (7 Marks)

OR

- (i) Write a detailed note on RDA, diet and feeding pattern during pregnancy. (7 Marks)
- (ii) Write a detailed note on complications of pregnancy. (7 Marks)

Q.2 Write the following

- (i) Explain the physiology of Lactation? Name the two reflexes that help during lactation. (7 Marks)
- (ii) How do you justify that a mother should breastfeed her baby even during her illness? (7 Marks)

OR

- (i) Write a note on weaning & types of weaning foods. (7 Marks)
- (ii) Write a note on breastfeeding & advantages of breastfeeding. (7 Marks)

Q. 3 Write the following

- (i) What is infancy? Explain any four physiological changes during infancy? (7 Marks)
- (ii) What is immunization? Explain importance of immunization? (7 Marks)

OR

- (i) Write a note on immunizing agents. (7 Marks)
- (ii) Explain about eating habits & behaviour of pre-school kids? (7 Marks)

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Q. 4 Write the following

- (i) What is Packed Lunch? Describe the points to be considered in planning packed lunch for school children. (7 Marks)
- (ii) What is Anganwadi? Explain the objectives and importance of Anganwadi programme. (7 Marks)

OR

- (i) Define food enrichment. Explain the methods to improve nutritional quality of food. (7 Marks)
- (ii) Explain the diet related problems of school going children. (7 Marks)

Q. 5 Attempt any seven out of twelve

(14
Marks)

- (i) Which antibody is found in tears? Which antibody can pass through placenta?
 - (ii) Give the RDA (2020) of calcium and iron for School Going Girl.
 - (iii) What are the factors affecting eating habits of school going children (any 4)
 - (iv) What are the abnormalities that occur in babies with fetal alcohol syndrome?
 - (v) What are the hazards of pre lacteal feeding?
 - (vi) How are pre-term babies fed?
 - (vii) Are there any situations related to mother's health that may require the use of foods other than breast milk?
 - (viii) Differentiate between active & passive immunity?
 - (ix) What are the six motor milestones of infancy?
 - (x) Explain immunoglobulin with the help of diagram.
 - (xi) What is prelacteal feeding? Is it safe for the baby?
 - (xii) During the blastogenic stage, what forms the placenta?
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