

2015

NUTRITION

[ Honours ]

PAPER – II (New)

Full Marks : 90

Time : 4 hours

*The figures in the right hand margin indicate marks  
Candidates are required to give their answers in their  
own words as far as practicable*

*Illustrate the answers wherever necessary*

[ NEW SYLLABUS ]

UNIT – 03

GROUP – A

1. Answer any *five* questions from the following :  $2 \times 5$   
(a) Mention the types of malnutrition.

- (b) What is ACU?
- (c) What is nutrigenomics?
- (d) What do you mean by SDA?
- (e) Mention the supplementations given in pregnancy.
- (f) What are galactogogues? Give an example.
- (g) Write the composition of colostrum.
- (h) What do you mean by geriatric nutrition?

GROUP – B.

Answer any **four** questions from the following: 5 × 4

- 2. Describe the nutritional requirement of lactating mother. 5
- 3. State the importance of colostrum feeding to infants. 5
- 4. Discuss the major metabolic changes noted at geriatric stage. 5

5. Write the basic dietary guidelines of a sprinter. 5
6. Mention the principles of weaning. 5
7. Write briefly about the nutritional management of low birth weight baby. 5
8. Write briefly about the nutritional requirement of adolescent girl. 5

## GROUP – C

Answer any **one** question from the following : 15 × 1

9. (a) Define PAR and PAL. 2 + 2
- (b) Define basal metabolism and state any one method for the determination BMR. 2 + 3
- (c) Write the special diet used in space and given reason. 4 + 2
10. (a) What do you mean by mixed feeding and formula feeding? 2 + 2
- (b) What is menarche? State the regulating factors of pubertal growth. 1 + 4

- (c) What is 'growth faltering' ? Write the dietary management for the correction of growth faltering. 2 + 4

UNIT – 04

GROUP – D

11. Answer any *five* questions from the following :  $2 \times 5$

- (a) What is Quetlet index ? Write its formula.
- (b) Write the symptoms of osteomalacia.
- (c) What is family food security ?
- (d) Write the name of four vector borne diseases.
- (e) What is PFA ?
- (f) What is surveillance systems ?
- (g) Write two symptoms of vit. A deficiency.
- (h) What do you mean by demographic cycle ?

GROUP – E

Answer any **four** questions of the following : 5 × 4

12. Write the importance of MMR, IMR and CMR for the assessment of community nutrition. 5
13. Why biochemical tests are preferred for the assessment of nutritional status than anthropometric measurement ? 5
14. State briefly the different nutritional issues during flood and war. 5
15. Discuss the major services delivered by PHC. 5
16. State the different factors responsible for the spreading of infectious disease. 5
17. Defining vital statistics, state the significance of studying vital statistics data. 5
18. Mention the name of the common adulterants found in milk, turmaric, coffee, mustard oil and sugar. 5

GROUP — F

Answer any **one** question of the following : 15 × 1

19. (a) Write the secondary sources of community health data. State the importance of community health data on community nutrition. 3 + 3
- (b) State the causes and clinical signs of Kwashiorkor. 4
- (c) What do you mean by primary and secondary anthropometric indices for nutritional status assessment. 5
20. (a) What do you mean by food availability? Discuss the factors affecting food availability and its consumption. 2 + 4
- (b) What are the direct modes of transmission of infectious diseases? 5
- (c) Discuss the significance of FPO, ISI, Agmark in the monitoring of food adulteration. 4
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