

2015

OLD

Part-I 3-Tier

NUTRITION

PAPER—II

(Honours)

Full Marks : 90

Time : 4 Hours

The figures in the right-hand margin indicate full marks.

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

Group—A

Answer any *two* questions, taking *one* from each subgroup from the following. 2×15

Subgroup—A(a)

1. (a) State changes of body composition throughout the life cycle in human.

(Turn Over)

- (b) How do you determine the food energy in out side of our body ?
- (c) What do you mean by BMR and state the factors affecting BMR.
- (d) How do you calculate your energy requirement directly on the basis of daily activities ?

$$4+3(2+2)+4$$

2. (a) State morning sickness and food aversion during pregnancy.
- (b) Enumerate service recommended by antenatal care in our country.
- (c) What are the nutritional factors of mother affecting breast feeding ?
- (d) Why adolescent pregnancy is discouraged ?

$$4+4+4+3$$

Subgroup—A(b)

3. (a) State the different socio-cultural factors affecting health of the community.
- (b) Enumerate different measures of the direct and

indirect nutritional assessment.

- (c) Briefly describe the different types of diet survey.
- (d) Why bio-chemical nutritional assessment is better than bio-physical method? 4+3+5+3
4. (a) Briefly describe the different stages of demography.
- (b) Briefly describe the steps and method of analysis of any one Analytic Study.
- (c) Distinguish between communicable and non-communicable.
- (d) Write the principles of epidemiological control of diseases. 4+4+3+4

Group—B

Answer any *five* questions, taking at least *two* from each of the following subgroups. 8×5

Subgroup—B(a)

5. (a) State the importance of colostrum feeding to infants.
- (b) What are the cares adopted by a lactating mother before breast feeding? 4+4

6. (a) What are the health related problems developed in geriatric people ?
- (b) State the nutritional care for old age people with special reference to calcium status. 3+5
7. (a) What are complementary and artificial feeding ?
- (b) State the principles of weaning ? 5+3
8. (a) Write the extra amount of energy requirement during different trimesters of pregnancy.
- (b) Why excess amount of iron and folic acid is required in pregnant mother ? 3+5

Subgroup—B(b)

9. (a) How do you identify nutritional Marasmus and Kwashiorkor through clinical signs ?
- (b) What are the importance of MMR and IMR for assessment of community nutrition ? 4+4
10. (a) How food production and availability affects the community malnutrition ?

(b) Why packet foods are preferred in disaster situation ?

4+4

11. (a) State the significance of nutritional anthropometry in nutritional science.

(b) State the epidemiology of osteomalacia. 4+4

12. (a) What do you mean by surveillance.

(b) State the role of international and national agencies on nutritional surveillance. 2+3+3

Group—C

Answer any *five* questions, taking at least *two* from each of the following subgroups. 5×4

Subgroup—C(a)

13. Write notes on SDA & ACU. 2+2

14. Separately state why BMI & Waist-hip ratio assessment is important ? 2+2

15. Write in brief the nutritional requirement of an adolescent. 4

16. State the advantages and disadvantages of bottle feeding.

2+2

Subgroup—C(b)

17. Discuss in brief about the socio-economic and culture influences on food consumption.

2+2

18. Write the different types of community.

4

19. Write the basic concept of family food security.

4

20. Briefly describe the epidemiology of nutritional anaemia among <5 children.

4
