

2018

NUTRITION

[Honours]

PAPER – II

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

GROUP – A

- 1. Answer any five questions from the following : 2 × 5**
 - (a) Define ACU.**
 - (b) What are the different types of malnutrition ?**
 - (c) What do you mean by positive energy balance ?**

(Turn Over)

- (d) What do you mean by R.Q. ?
- (e) What is anorexia ?
- (f) Differentiate PAL and PAL.
- (g) What are ergogenic aids ?
- (h) What do you mean by Waist to Hip ratio ?

GROUP – B

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

- 2. What are the criteria of reference man for the calculation of RDA ? Define still birth. $4 + 1$
- 3. Discuss the different factors affecting energy requirement. 5
- 4. Define preterm baby. What physiological problems do they face due to immature birth ? $1 + 4$
- 5. What do you mean by gestational diabetes ?
Write the nutritional management of it. $2 + 3$
- 6. Discuss briefly about the nutritional management of low birth weight children. 5

7. What is growth chart ? Discuss briefly the prevention of growth faltering ? 1 + 4
8. What is menarche ? State the different nutritional requirements during puberty. 2 + 3

GROUP – C

Answer any one of the following questions : 15×1

9. (a) What are the importance of exclusive breast feeding ?
- (b) What do you mean by formula feeding ? Discuss the preparation of formula feeding.
- (c) What do you mean by teething ? Write short notes on SDA. $5 + (2 + 4) + (2 + 2)$
10. (a) What is BMR ? Discuss the role of different factors affecting BMR.
- (b) Briefly discuss about the energy demand of standard male sedentary and moderate worker according to their physical activity.

- (c) Write the importance of protein in sportsmen's diet. $(2 + 4) + (3 + 3) + 3$

Unit – 4

GROUP – D

11. Answer any *five* from the following question : 2×5

- (a) What is scurvy ?
- (b) What are the clinical signs of iodine deficiency ?
- (c) Define adulterants.
- (d) Write the name of any two community nutritional problem.
- (e) What do you mean by epidemic ?
- (f) Write the full form of UNICEF and FAO.
- (g) Write the name of any two vector borne diseases.
- (h) Write the name of any two international agencies look after nutritional surveillance.

GROUP – E

Answer any four from the following questions : 5 × 4

- 12. What are the importance of diet survey ? 5**
- 13. Define direct and indirect food contamination.
Which biochemical tests are relevant to assess
nutritional status of an individual. 2 + 3**
- 14. Discuss about the different sociological factors
in the etiology and prevention of malnutrition. 5**
- 15. What are the merits and limitations of anthro-
pometric assessment of nutritional status ? 5**
- 16. What do you mean by nutritional surveillance ?
What are the consequences of vitamin A
deficiency ? 1 + 4**
- 17. What do you mean by vital statistics ? Briefly
discuss the significance of vital statistics. 1 + 4**
- 18. Briefly describe about primary and secondary
prevention of disease with example. 5**

GROUP – F

Answer any one of the following questions : 15×1

19. (a) Define crude death rate and infant mortality rate.
- (b) What is iceberg phenomenon of disease ?
- (c) What are the direct methods of disease control ?
- (d) Discuss briefly different types of environmental measures for the control of communicable diseases. $(2 + 2) + 3 + 3 + 5$
20. (a) Differentiate adulterants and preservatives. What are the common adulterants found in food ?
- (b) Write briefly about any two common household methods to detect food adulteration.
- (c) What do you know about codex Alimentarius Commission ?

(7)

- (d) Discuss different dimensions of vitamin A and vitamin D deficiency problem in Indian community. $(2+2) + (2+2) + 2 + (2\frac{1}{2} + 2\frac{1}{2})$
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