

2016

M.Sc.

Part-II Examination

DIETETICS AND COMMUNITY NUTRITION MANAGEMENT

PAPER—VII (Unit-13)

Full Marks : 50

Time : 2 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.

Illustrate the answers wherever necessary.

Answer Question No. 1 and any four from the rest.

1. Answer any five of the following : 5×2

- (a) What are the common risk factors for life style diseases ?
- (b) What do you understand by variolation ?
- (c) Define eutrophication.
- (d) State the reasons of botulism.

(Turn Over)

- (e) Mention the significance of oxygen demand about food safety.
- (f) Write the differences between hyperendemic and holoendemic.
- (g) What do you mean by eradication of diseases?
- (h) Mention the significance of BOD.

2. (a) Mention the sources and preventive solutions of ground water pollution.

(b) Give a brief account of primary and secondary sewage treatment.

(c) What is clean water act? $(2+2)+(2+2)+2$

3. (a) Classify viral hepatitis according to route of transmission.

(b) Describe the preventive measure and control of viral hepatitis.

(c) What do you mean by Chlamydia? $3+5+2$

4. (a) What are health behaviours? Mention the four important behaviours which are associated with community diseases.

(b) Briefly describe the social and environmental factors that area responsible for the life style modification.

$$(2+3)+(2\frac{1}{2}+2\frac{1}{2})$$

5. (a) State the physiological importances of active and passive immunisation.

(b) Describe different types of vaccines used to cure the diseases.

$$(2\frac{1}{2}+2\frac{1}{2})+5$$

6. (a) What do you mean by life style diseases?

(b) What is dietary habits? Explain how dietary habits can prevents from different non-communicable diseases. $3+(2+5)$

7. (a) What is syphilis?

(b) Short an account on the control of Japanese encephalitis?

(c) Write the signs and symptoms of measles.

(d) What is relapsing fever? $2+3+3+2$

8. (a) How do government, consumer and industry share their responsibility in food safety as per WHO (1996)?

- (b) How does food protection plan create an impact on public health ?
- (c) Classify exotoxin of bacteria. 5+3+2
9. (a) Describe the main four pillars of food safety.
- (b) Write the seven principles of Hazard Analysis Critical Control Point (HACCP). 5+5
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