

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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