

2019

MSc

2nd Semester Examination

HUMAN PHYSIOLOGY

PAPER – PHY – 204 (CBCS)

Full Marks: 40

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.

1. Answer all the questions.

- a) Define health according to WHO. 1+4
b) Write the determinants of physical health.

Or

- a) What do you mean by life style?
b) How do environmental factors influence the life style? 1+1+3
c) What are the advantages of active style?

2. a) State the factors responsible for malnutrition. What are the remedial measures?

- b) What are the deficiency disorders of sodium? 1+4

Or

- a) What is physical fitness? State briefly about the components of physical fitness.

3. a) What is essential hypertension? Mention the causes of hyper tension. 1+2+2

- b) Point out two preventive measures for hypertension.

Or

- a) State the risk factors for the occurrence of lifestyle related diseases. 4+1
b) Who are considered as vulnerable groups?

- 4.a) Discuss the transmission modes of communicable diseases. 4+1
b) What is virulence?

Or

- a) Discuss briefly the mechanism of development of AIDS
b) What are two preventive measures for AIDS? 3+2

Unit – 2

1. Answer all questions.

- a) What do you mean by safety at work?
b) How safe condition can be achieved at work place?
c) What is personal safety? (1+3+1)

Or

- a) Discuss the common injuries at work place and its management. 5

- 2.a) Discuss two methods for assessment of physical fitness.
b) How is pulse rate related to physical fitness? 3+2

Or

- a) How does practice of yoga improve blood circulation?
b) State the influence of yoga on stress 3+2

3.a) What is balance diet?

b) State the nutritional policies for mass – health promotion. 1+4

Or

a) What are occupational health hazards?

b) What is Pneumoconiosis? State its preventive measures. 1+(2½+1½)

4.a) What is obesity? State causes and management of obesity. 1+4

Or

Write in brief about the life style modification and management for coronary heart disease. 5