

2022

Human Physiology

[P.G.]

(CBCS)

(M.Sc. Third Semester End Examination-2022)

PAPER-304

Full Marks:40

Time: 02 Hrs

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

Unit – 1

Marks 20

[Environment and Health]

- 1. Answer any two questions of the following: 2x2= 4**
 - a) What do you mean by ozone depletion?
 - b) Define Environmental health.
 - c) Write two adverse effect of environmental pollutants.
 - d) What is biomedical waste?

- 2. Answer any two questions of the following: 2x4 = 8**
 - a) Describe the methods for solid waste management.
 - b) Explain in detail about universal Immunization Programme.
 - c) State the reasons of neurotoxicity.
 - d) Explain different types of occupational health hazards.

(2)

3. Answer any one question of the following: 1x8 = 8

- a) i) Write the causes and preventive measures of soil pollution.
ii) Explain in brief about xenobiotic –induced oxidative stress. 4+4
- b) i) Mention some of the e-waste disposal rules.
ii) What is immunotoxicity?
iii) Explain the nutritional and socio cultural aspects on human health 2+2(2+2)

Unit – 2
Marks 20

[Human Reproductive Health and Related Issues]

1. Answer any two questions of the following: 2x2= 4

- a) What is endometriosis? 2
- b) What is meant by adolescent health? 2
- c) Write down the symptoms of STI. 2
- d) Define health equality. What are the social determinants of health inequality? 1+1

2. Answer any two questions of the following: 2x4 = 8

- a) What is sex differentiation? What is IVF? 2+2
- b) What are meant by pre-natal and anti-natal care? What is MCH care. 3+1
- c) Discuss the psychological and social impacts of infertility. 2+2
- d) Write down the long term effects of menopause. 4

(3)

3. Answer any one question of the following: 1x8 = 8

- a) i) Name two hormones associated with childbirth.
ii) What is PNDT Act?
iii) Write down the signs and symptoms of premenopause. 2+2(2+2)
- b) i) What is ectopic pregnancy?
ii) What are the physiological importances of Lactation?
iii) What is HRT? State its two disadvantages. 2+2(2+2)