

Duration: 2 1/2 hrs

N.B:1. All questions are compulsory.

2. Figures to the right indicate marks.

3. Draw neat and labelled diagrams wherever necessary.

- Q.1) (A) What are the tropical areas of lifespan development? (7)  
OR  
(A) What are the 3 prenatal developmental stages? (7)  
(B) Explain PTSD with symptoms and theories (8)  
OR  
(B) What are the treatments available for PTSD? (8)  
(C) Attempt any one of the following (5)  
(i) Write a brief note on pre-birth and late adulthood.  
(ii) Write a brief note on birth and infancy.
- Q.2) (A) Explain hormonal methods of birth control. (7)  
OR  
(A) Describe evolution of human sexuality. (7)  
(B) Explain AIDS & chancroid. (8)  
OR  
(B) Give different types of surrogacy & its status in India. (8)  
(C) **Attempt any ONE of the following:** (5)  
(i) What are chemical barriers for birth control?  
(ii) Explain trichomoniasis & pubic lice.
- Q.3) (A) What is apoptosis? (7)  
OR  
(A) Describe physiology of ageing. (7)  
(B) Explain oxidative loss as a cause of ageing. (8)  
OR  
(B) Enlist problems of eye, ears & bones as person age. (8)  
(C) **Attempt any ONE of the following:** (5)  
(i) Write a note on population ageing.  
(ii) Explain parkinson's disease.
- Q.4) **Attempt Any THREE of the following:** (15)  
(i) Explain any 3 teratogenic agents.  
(ii) Give a brief note on adolescence.  
(iii) Write a note on - Prevention of STD  
(iv) Explain surrogacy across the world.  
(v) How heart diseases can be prevented?  
(vi) Explain natural process of ageing & define ageing.