

**QP Code : 77083**

(2 ½ Hours)

[ Total Marks :75

- N.B. :** (1) All Questions are **compulsory**  
(2) **Figures** to the **right** indicate **full marks**.  
(3) Draw **neat** and **labelled** diagrams where necessary.

1. (A) Describe the psychological development during middle and late adulthood. 7  
**OR**  
(A) Explain PTSD with reference to psychological treatment. 7
1. (B) Describe in brief symptoms of post-traumatic stress disorder (PTSD) 8  
**OR**  
(B) Explain the factors influencing biological and psychological development of mother and foetus. 8
1. (C) Write short note on (any one) 5  
(a) PTSD-Social treatment  
(b) Behavioural changes during late adulthood
2. (A) Define surrogacy. Add a note on its types. 7  
**OR**  
(A) Write a note on evolution of human sexuality. 7
2. (B) Write a note on Gonorrhoea and HIV. 8  
**OR**  
(B) Describe the hormonal methods of birth control. 8
2. (C) Write short note on (any one) 5  
(a) legal aspects related to surrogacy  
(b) Condoms
3. (A) What is ageing? Describe its effect on Eye. 7  
**OR**  
(A) What is ageing? Describe its effect on arteries. 7
3. (B) What are Neurodegenerative diseases? Describe Alzheimer's disease in detail. 8  
**OR**  
(B) What is apoptosis and describe the steps involved in Apoptosis. 8

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3. (C) Answer the following (any one) 5
- (a) Bcl-2 genes
  - (b) Ageing and Economic growth
4. Write short notes on (Any three) 15
- (a) Biological treatment -PTSD
  - (b) Embryonic development
  - (c) IUD
  - (d) Chlamydia
  - (e) DNA damage theory of ageing
  - (f) Ataxia
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**KS-Con. 1025-17.**