

DELHI PUBLIC SCHOOL JAMMU

SESSION: 2025-26

ASSIGNMENT - May

Class XII

Biology (044)

Case based questions

Q1. Population represents the total number of individuals Of a species living in an area. In last century, all around The world development in various fields significantly Improved quality of life of people. Increased health Facilities along with better living conditions had an Explosive impact on the growth of population.

- (i) What is population explosion
- (ii) What are the direct consequences of Over Population
- (iii) How one can control over population ? Give on Example of each contraception.

Q2. The oral contraceptives are the preparations of Hormones either progestogens or progestogen-Oestrogen combinations in the form of pills. They are Mainly used by females.

- (i) From what time period the oral pills are taken by Females for contraception
- (ii) How does these pills work ?
- (iii) Give any two common examples of Oral pills.

Reason Assertion

- (a) Both Assertion and Reason are correct and Reason is the correct explanation of Assertion.
- (b) Both Assertion and Reason are correct, but Reason is not the correct explanation of Assertion.
- (c) The Assertion is correct but Reason is incorrect.
- (d) Both the Assertion and Reason are incorrect.

Q3. **Assertion** : Cu-T and Cu-7 do not suppresses sperm-Motility.

Reason : Hormones released by them affect sperm Motility.

Q4. **Assertion** : HIV infection can be avoided by use of Condoms.

Reason : Condoms secrete anti-viral interferons.

Q5. **Assertion** : Copper-T is an effective contraceptive Device in human females.

Reason : Copper-T prevents passage of sperms from Vagina upwards into fallopian tubes.