

ICSE Class 10 Biology Question Paper Solution 2016

BIOLOGY

SCIENCE Paper – 3

Question 1

(a) Name the following: [5]

- (i) The exchange of chromatid parts between the maternal and the paternal chromatids of a pair of homologous chromosomes during meiosis.
- (ii) The number of individuals inhabiting per unit area.
- (iii) The immunity acquired by providing readymade antibodies from outside for treating certain infectious diseases.
- (iv) The pollutants that cannot be broken down to simple and harmless products.
- (v) The part of the brain that carries impulses from one hemisphere of the cerebellum to the other

(b) Choose the correct answer from each of the four options given below: [5]

- (i) A plant cell may burst when:
 - A. Turgor pressure equals wall pressure.
 - B. Turgor pressure exceeds wall pressure.
 - C. Wall pressure exceeds turgor pressure.
 - D. None of the above
- (ii) The individual flattened stacks of membranous structures inside the chloroplasts are known as:
 - A. Grana
 - B. Stroma
 - C. Thylakoids
 - D. Cristae
- (iii) The nephrons discharge their urine at the:
 - A. Urinary bladder
 - B. Urethra
 - C. Renal pelvis
 - D. Renal pyramid
- (iv) Gigantism and Acromegaly are due to:
 - A. Hyposecretion of Thyroxine.
 - B. Hyposecretion of Growth hormone
 - C. Hypersecretion of Thyroxine
 - D. Hypersecretion of Growth hormone
- (v) The mineral ion needed for the formation of blood clot is:

Xtreme Biology Question Papers

Michal Rosen-Zvi

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