

JSUNIL TUTORIAL

PUNJABI COLONY GALI 01

Biology

1. Choose the correct options

(½ x 6=3)

- I) During transpiration water is lost from the plant in the form of
- (a) Water vapour
 - (b) liquid
 - (c) hydrogen and oxygen
 - (d) stem
- II) When you feel your pulse ,what you actually feel is blood rushing through the
- (a) Arteries
 - (b) Vein
 - (c) Capillaries
 - (d) All of these
- III) Zygote is related to which method of reproduction
- (a) Asexual reproduction
 - (b) (b) sexual reproduction
 - (c) (c) Spore formation
 - (d) (D) Vegetative reproduction
- IV) In the insect , exchange of gas takes place through
- (a) Spiracle
 - (b) gills
 - (c) lungs
 - (d) Stomata
- V) Where in the respiratory system does oxygen from the air breathed in pass into blood
- (a) Trachea
 - (b) Bronchi
 - (c) Bronchioles
 - (d) Alveoli
- VI) One word for the process of release of energy by oxidation of food is
- (a) Transpiration
 - (b) Reproduction
 - (c) Respiration
 - (d) Infiltration

"A smile is an inexpensive way to improve your looks."

2. Answer in one word

(1x5=5)

Q1.Which flower has both male and female organ

Q2.Name the process by which spirogyra reproduce

Q3.Name the liquid parts of blood

Q4.Name the process in which doctor remove waste from body if kidney is not working properly

Q5.What is the respiration without oxygen

3. Define any **five** of the following

(2x5=10)

Auricles, Hemoglobin, Alveoli, Stomata, Nephron, Excretion, gamete

4. Draw labeled diagram of any one

(1x2=2)

A. Urinary system B. Fertilization in flower

5. Answer any **five** questions (short types)

(2x5=10)

Q1.How do yeast reproduce

Q2.Why do rate of heart beat increase after running?

Q3.Name the constituents of blood

Q4.Why do we some time suffer from muscles cramp

Q5.What is transpiration?

Q6.What is the process of growing new plants using artificial methods?

Q7.Which tissue is involve in transportation of food in plants

5. Answer these questions (any five)

(5x4=20)

Q1.What is the difference between breathing and respiration

Q2.What is anaerobic respiration? Does it occur in human body also body?

Q3.How combustion and cellular respiration are similar?

Q4.Differentiate between arteries and veins? What is the importance of capillaries?

Q5.What is the relationship between the rate of heart beat and pulse?

Q6.How is sexual reproduction differing from asexual reproduction?

Q7.What is dialysis? How urine examination useful to doctor?