

S. 19/11/19



ST. LAWRENCE HIGH SCHOOL
A JESUIT CHRISTIAN MINORITY INSTITUTION



ANNUAL EXAMINATION SOLUTION - 2019

Sub: Life Science

Class: 8

FM: 80

Duration: 2hrs30Mins

Date: 18.11.2019

GROUP- A (15 MARKS)

I. CHOOSE THE CORRECT ANSWER:

(1X5=5)

1. d) pituitary gland
2. c) rice
3. c) lymphocytes
4. d) sebaceous glands
5. b) plantations

II. FILL IN THE BLANKS:

(1X5=5)

1. Horticulture
2. Anopheles
3. Immunity
4. Insulin
5. Adolescence

III. WRITE TRUE OR FALSE FOR THE FOLLOWING STATEMENTS:

(1X5=5)

1. True
2. False
3. True
4. False
5. False

GROUP- B (25 MARKS)

IV. VERY SHORT ANSWER QUESTIONS:

(2x5=10)

1. In emergency situation adrenaline is secreted.
2. Diseases which can be communicated. Bacteria cause communicable disease.
3. Seeds from which we get eatable oil like mustard castor.
4. Practice of raising crops without inorganic chemicals is called organic farming. Bacteria having health benefit is called probiotics.
5. Organisms carrying germs are called vector. Aedes causes dengue

V. SHORT ANSWER QUESTIONS:

(3x5=15)

1. Fracture- bone is broken and cracked in fracture. Pain swelling and immobility of the area are its common symptoms.
2. Immerse it in cold water;
Cover the area with sterile gauge;
Rehydrating the person.
3. Eggs are collected;
Hatchlings are fed in nurseries;
Then stocking in tank.

4. Hybrid varieties may kill local variety. They can be harmful and can cause septicemic disease.
5. Thyroid controls general metabolic functions of the body, rate of energy production and normal physical growth and development.
6. The crop rotation and mixed cropping increases the fertility of the soil and helps to maintain the soil.
7. Gigantism is excessive growth; dwarfism is stunted growth.

GROUP- C (40 MARKS)

VI. LONG ANSWER QUESTIONS: (any eight)

(5X8=40)

1. Stress damages growth, both mental and physical.
Meditation, self- analysis and music manage stress.
2. By proper personal hygiene like cleaning cloth washing hand and feet, bathing and proper sanitation spread of communicable diseases can be prevented.
3. Immunization helps to produce antibody – which are antigen specific – both are same in a way. Both act in same way.
4. Chemical fertilizers give rapid result and high yield in short time but change the pH character of the soil.
5. By the formation of cooperative farming with high yielding cow the amount of milk and the quality of milk improved. Hence both were benefitted.
6. Aid till medical aid arrive is first aid. Applying ice pack, press a pad of cotton, gauze until bleeding stops and medical aid arrives.
7. Diabetes Mellitus of hyper glycaemia will occur which will damage other organs slowly.
8. Excess thyroxin is hyperthyroidism – loss of weight, high blood pressure. Insufficient thyroxin causes hypothyroidism – low blood pressure, weight gain.
9. Probiotic bacteria helps in digestion, gut bacteria helps in food absorption and formation of vitamin.
10. Exocrine glands have vessels or ducts, secretes saliva, sweat; secretion is released in other part of the body. Endocrine glands are ductless glands, secretes hormone; secretion is released in intercellular space and blood carries it to target organs.