



ST. LAWRENCE HIGH SCHOOL

27, BALLYGUNGE CIRCULAR ROAD

**Class : 8****Subject : LIFE SCIENCE****Term : FIRST TERM****Max Marks : 60****Q 1 :** Several connected ecosystems will be referred to as -**Marks : 1**

1. Biosphere
2. Biome
3. Food Chain
4. Food web

 (This Answer is Correct)**Q 2 :** Secondary consumers can be represented as -**Marks : 1**

1. T4
2. T2
3. T1
4. T3

 (This Answer is Correct)**Q 3 :** Which of the following is seen in lizards?**Marks : 1**

1. Hibernation
2. Aestivation
3. Migration
4. All of the above

 (This Answer is Correct)**Q 4 :** Jackals are -**Marks : 1**

1. Producers
2. Herbivores
3. Carnivores
4. Scavengers

 (This Answer is Correct)**Q 5 :** Which of the following is the source of energy for all food chains?**Marks : 1**

1. Sunlight
2. Green plants
3. Phytoplanktons
4. Zooplanktons

 (This Answer is Correct)

Q 6 : Which of the following is not an example of 'predator-prey ' relationship? **Marks : 1**

- 1 . Snake-Mouse
- 2 . Hawk- Snake
- 3 . Tiger-Deer
- 4 . Eagle-Tiger**

(This Answer is Correct)

Q 7 : Which of the following is an endoparasite? **Marks : 1**

- 1 . Lice
- 2 . Tick
- 3 . Mites
- 4 . Tapeworms**

(This Answer is Correct)

Q 8 : The relationship in which the host is benefitted and the other organism is unaffected is - **Marks : 1**

- 1 . Mutualism
- 2 . Commensalism**
- 3 . Predation
- 4 . Competition

(This Answer is Correct)

Q 9 : Cheetahs and tigers feeding on the same type of prey show- **Marks : 1**

- 1 . Predation
- 2 . Mutualism
- 3 . Interspecific Competition**
- 4 . Intraspecific Competition

(This Answer is Correct)

Q 10 : Which of the following bacteria helps in nodule formation in leguminous plants? **Marks : 1**

- 1 . E. coli
- 2 . Salmonella
- 3 . Rhizobium**
- 4 . Mycobacterium

(This Answer is Correct)

Q 11 : Which of the following biomolecules are formed from the amino acids? **Marks : 1**

- 1 . Carbohydrates
- 2 . Proteins**
- 3 . Lipids
- 4 . None of the above

(This Answer is Correct)

Q 12 : Emergent layer' is found in -

Marks : 1

- 1 . Tropical rainforests
- 2 . Tropical deciduous forests
- 3 . Tropical Thorn forests
- 4 . All of the above

(This Answer is Correct)

Q 13 : Which of the following plants can grow with least rainfall?

Marks : 1

- 1 . Ebony
- 2 . Acacia
- 3 . Cinchona
- 4 . Sal

(This Answer is Correct)

Q 14 : Which of the following forests is found in coastal areas that receive heavy rainfall?

Marks : 1

- 1 . Temperate Evergreen Forest
- 2 . Temperate Deciduous Forest
- 3 . Tropical Eevergreen Forest
- 4 . Tropical Deciduous Forest

(This Answer is Correct)

Q 15 : Birch, Aspen and Rowan are-

Marks : 1

- 1 . Evergreen
- 2 . Deciduous
- 3 . Conifers
- 4 . Shrubs

(This Answer is Correct)

Q 16 : Snowshoe hares and grizzly bears are found in-

Marks : 1

- 1 . Monsoon Forests
- 2 . Grasslands
- 3 . Taiga
- 4 . Thorn forests

(This Answer is Correct)

Q 17 : The plants of a particular area are together known as-

Marks : 1

- 1 . Fauna
- 2 . Flora
- 3 . Biomass
- 4 . Biome

(This Answer is Correct)

Q 18 : White Blood Cells produce

Marks : 1

- 1 . Antigens
- 2 . Platelets
- 3 . Antibodies**
- 4 . All of the above

(This Answer is Correct)

Q 19 : If 'X' has blood group O, then the antigen present in his/her blood is

Marks : 1

- 1 . A
- 2 . B
- 3 . A and B
- 4 . Neither A nor B**

(This Answer is Correct)

Q 20 : A person having blood group O can receive blood from people having blood group-

Marks : 1

- 1 . A
- 2 . B
- 3 . O**
- 4 . All of the above

(This Answer is Correct)

Q 21 : Generally oxygenated blood is carried by

Marks : 1

- 1 . Veins
- 2 . Arteries**
- 3 . Capillaries
- 4 . All of the above

(This Answer is Correct)

Q 22 : Capillaries are made up of single layer of

Marks : 1

- 1 . Nerve Cells
- 2 . Smooth Muscle Cells
- 3 . Epithelial Cells**
- 4 . Fibroblast Cells

(This Answer is Correct)

Q 23 : Which of the following have widest lumen?

Marks : 1

- 1 . Venules
- 2 . Arterioles
- 3 . Arteries
- 4 . Veins**

(This Answer is Correct)

Q 24 : Heart is surrounded by **Marks :** 1

- 1 . Pleura
- 2 . Pericardium** (This Answer is Correct)
- 3 . Perineurium
- 4 . Meninges

Q 25 : The valve that guards the entrance to the pulmonary artery is **Marks :** 1

- 1 . Tricuspid valve
- 2 . Bicuspid Valve
- 3 . Aortic Valve
- 4 . Pulmonary Valve** (This Answer is Correct)

Q 26 : The number of coronary arteries that arise from the aorta is **Marks :** 1

- 1 . One
- 2 . Two** (This Answer is Correct)
- 3 . Three
- 4 . Four

Q 27 : To complete one cycle, the blood passes through the heart **Marks :** 1

- 1 . Once
- 2 . Twice** (This Answer is Correct)
- 3 . Thrice
- 4 . Four times

Q 28 : Which of the following is the primary pacemaker of the heart? **Marks :** 1

- 1 . SA node** (This Answer is Correct)
- 2 . AV node
- 3 . Purkinje fibres
- 4 . Bundle of His

Q 29 : Blood pressure' is the pressure on the walls of the **Marks :** 1

- 1 . Atrium
- 2 . Ventricle
- 3 . Arteries** (This Answer is Correct)
- 4 . Veins

- Q 30 :** Electric shocks to restore the natural rhythm of the heart is provided using **Marks : 1**
1. Ventilator
 2. Defibrillator (This Answer is Correct)
 3. Pace maker
 4. CPAP
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- Q 31 :** The muscles of the heart does not receive Oxygen if _____ is blocked. **Marks : 1**
1. Pulmonary artery
 2. Aorta
 3. Coronary artery (This Answer is Correct)
 4. Pulmonary Vein
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- Q 32 :** Lymphatic System does not include **Marks : 1**
1. Lymphocyte
 2. Erythrocyte (This Answer is Correct)
 3. Cellular debris
 4. Waste products
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- Q 33 :** Which of the following is a cultural component of the ecosystem? **Marks : 1**
1. Flora
 2. Microbes
 3. Agriculture (This Answer is Correct)
 4. Fauna
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- Q 34 :** The parasitic larvae of some wasps hatch inside other _____. **Marks : 1**
1. Plants
 2. Insects (This Answer is Correct)
 3. Flowers
 4. Birds
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- Q 35 :** Peafowls exhibit - **Marks : 1**
1. Mutualism
 2. Parasitism
 3. Interspecific Competition
 4. Intraspecific Competition (This Answer is Correct)
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Q 36 : The relationship between Clownfish and Sea Anemone is an example of- **Marks : 1**

1. Parasitism
2. Competition
- 3. Mutualism** (This Answer is Correct)
4. Predation

Q 37 : Remoras are - **Marks : 1**

1. Parasites
- 2. Commensals** (This Answer is Correct)
3. Symbionts
4. Prey

Q 38 : Beetles and termites are found in or under the **Marks : 1**

1. Canopy
2. Understorey
- 3. Forest floor** (This Answer is Correct)
4. Emergent layer

Q 39 : Which is the tallest tree in the world? **Marks : 1**

1. Douglas Fir
- 2. Redwood** (This Answer is Correct)
3. Eucalyptus
4. Pine

Q 40 : Rh' is a type of - **Marks : 1**

- 1. Antigen** (This Answer is Correct)
2. Antibody
3. Cell
4. Blood

Q 41 : In case of a blood mismatch, which of the following will be produced from recipient's blood? **Marks : 1**

1. Antigen
2. Plasma
- 3. Antibody** (This Answer is Correct)
4. Platelet

Q 42 : The heart pumps an average of _____ litres of blood per minute

Marks : 1

- 1 . 10
- 2 . 15
- 3 . 5**
- 4 . 3

(This Answer is Correct)

Q 43 : When the blood is carried to and from the entire body , it is called

Marks : 1

- 1 . Pulmonary
- 2 . Auricular
- 3 . Ventricular
- 4 . Systemic**

(This Answer is Correct)

Q 44 : A person is said to have high blood pressure when the systolic pressure exceeds

Marks : 1

- 1 . 120mm of Hg
- 2 . 140mm of Hg**
- 3 . 90mm of Hg
- 4 . 80mm of Hg

(This Answer is Correct)

Q 45 : Chest pain, dizziness, nausea, breathing troubles are symptoms of

Marks : 1

- 1 . Bronchitis
- 2 . Pharyngitis
- 3 . Palpitation**
- 4 . Pneumonia

(This Answer is Correct)

Q 46 : For processing, fats are transported to-

Marks : 1

- 1 . Stomach
- 2 . Spleen
- 3 . Liver**
- 4 . Pancreas

(This Answer is Correct)

Q 47 : Which of the following glands belong to the lymphatic system?

Marks : 1

- 1 . Salivary Glands
- 2 . Gastric Glands
- 3 . Pancreas
- 4 . Thymus**

(This Answer is Correct)

Q 48 : Which of the following components of air helps in making proteins?

Marks : 1

- 1 . Oxygen
- 2 . Carbon Dioxide
- 3 . Nitrogen**
- 4 . Hydrogen

(This Answer is Correct)

Q 49 : Which of the following groups are referred to as ' natural scavengers'?

Marks : 1

- 1 . Herbivores
- 2 . Carnivores
- 3 . Decomposers**
- 4 . Onnivores

(This Answer is Correct)

Q 50 : Which of the following is depicted as the narrowest part in the pyramid of numbers

Marks : 1

- 1 . Producers
- 2 . Primary Consumers
- 3 . Top carnivores**
- 4 . Secondary consumers

(This Answer is Correct)

Q 51 : Which of the following plants do not have chlorophyll?

Marks : 1

- 1 . Sundew
- 2 . Pitcher Plant
- 3 . Dodder**
- 4 . Gourd

(This Answer is Correct)

Q 52 : Mahogany wood is obtained from-

Marks : 1

- 1 . Cinchona
- 2 . Quercus
- 3 . Acacia
- 4 . Swietenia**

(This Answer is Correct)

Q 53 : Which of the following is called 'monsoon forests'?

Marks : 1

- 1 . Tropical rainforest
- 2 . Tropical deciduous forest**
- 3 . Tropical Thorn forest
- 4 . Temperate forest

(This Answer is Correct)

Q 54 : If there is a cut in your fingers, which component of blood will prevent excessive bleeding? **Marks : 1**

- 1 . Red Blood Cells
- 2 . Plasma
- 3 . White Blood Cells
- 4 . Platelets**

(This Answer is Correct)

Q 55 : If a person has antigen B present in blood, then the blood group of the person is- **Marks : 1**

- 1 . A
- 2 . B**
- 3 . AB
- 4 . O

(This Answer is Correct)

Q 56 : Valves are not required in arteries as **Marks : 1**

- 1 . they carry oxygenated blood
- 2 . blood has high pressure**
- 3 . blood has less CO₂
- 4 . divide into arterioles

(This Answer is Correct)

Q 57 : The bicuspid valve prevents the backflow of blood from **Marks : 1**

- 1 . Right auricle
- 2 . Left auricle
- 3 . Right Ventricle
- 4 . Left Ventricle**

(This Answer is Correct)

Q 58 : The right auricle and right ventricle are separated by a valve that has **Marks : 1**

- 1 . two cusps
- 2 . three cusps**
- 3 . four cusps
- 4 . one cusp

(This Answer is Correct)

Q 59 : Which of the following is present at the interatrial septum? **Marks : 1**

- 1 . SA node
- 2 . Sinoventricular node
- 3 . AV node**
- 4 . None of the above

(This Answer is Correct)

Q 60 : Cardiac Arrest can be treated with

Marks : 1

- 1 . Anticoagulant
- 2 . IV injection of tPA
- 3 . Antiplatelet Drugs
- 4 . Chest Compressions**



(This Answer is Correct)
