

Paper: BiologyTotal Marks: 12Month Test: Annual

Obt. Marks: _____

Theme/Unit: Full BookGrand Total: 75

Objective: _____

Signature: _____

Time: 15 mins

Roll No: _____

class: 10th

Section: _____

**Q. No. 1: Encircle the correct option; /12**

- What type of blood vessels surrounds the alveoli?
 - Artery
 - Arteriole
 - Capillary
 - Vein
- Which organ is responsible for filtering the blood?
 - Intestine
 - Brain
 - Stomach
 - Kidney
- All of these are hormones except:
 - Insulin
 - Thyroxin
 - Glucagon
 - Pepsinogen
- Spinal cord is roughly _____ long.
 - 4cm
 - 30cm
 - 40cm
 - 50cm
- How many bones make our skull?
 - 14
 - 22
 - 24
 - 26
- Rhizopus reproduce asexually by:
 - Spore formation
 - Budding
 - Binary fission
 - Endospore formation
- Pollination is the transfer of pollen from:
 - Anther to stigma
 - Stigma to anther
 - Sepal to petal
 - Petal to sepal
- How many genetically different kinds of gametes an individual with genotype AAbb can produce?
 - 1
 - 2
 - 4
 - 8
- Mendal used _____ pea plants in his experiments.
 - 22, 000
 - 32, 000
 - 30, 000
 - 28, 000
- Which of the following is the abiotic component of the ecosystem?
 - Producers
 - Herbivores
 - Carnivores
 - Oxygen
- Which of these is an antiviral protein?
 - Urokinase
 - Thymosin
 - Insulin
 - Interferon
- Aspirin is categorized as:
 - A drug from animals
 - A synthetic drug
 - A drug from plants
 - A drug from minerals

Paper: BiologyTotal Marks: 63Month Test: Annual

Obt. Marks: _____

Theme/Unit: Full BookGrand Total: 75

Subjective:

Signature: _____

Time: 2 hours

Roll No: _____

class: 10th

Section: _____



Q. No. 2: Answer the following Questions: /10

- 1) What are hallucinogens?
- 2) Differentiate between medicinal drug and addictive drug?
- 3) Define diabetes insipidus?
- 4) Differentiate between population and community?
- 5) What is hippocampus?

Q. No. 3: Answer the following Questions: /10

- 1) Define restriction endonucleases?
- 2) Differentiate between intraspecific and interspecific interactions?
- 3) How sound is produced?
- 4) Define genotype and phenotype?
- 5) What is lithtripsy?

Q. No. 4: Answer the following Questions: /10

- 1) Differentiate between co-dominance and incomplete dominance?
- 2) Define osteocytes?
- 3) Differentiate between epigeal and hypogeal germination?
- 4) What is double fertilization?
- 5) Differentiate between negative and positive feedback?

Long Questions:

Q. 5: (a). Explain the structure of kidney with diagram? /6

(b). Write a note on Epilepsy? /5

Q. 6: (a). Explain development and structure of seed? /6

(b). Describe the types of joints? /5

Q. 7: (a). Explain applications of fermentation? /6

(b). Write a note on carbon cycle? /5