MATURITNÉ OKRUHY Z PREDMETU BIOLÓGIA

šk. rok: 2023/2024

OKRUHY:

Question 1

- Task A: Photosynthesis
- Task B: The Science of Biology: Properties of Life, Major Themes in Biology
- Task C: Community Ecology: Prey and Predators

Ouestion 2

- Task A: The Tree of All Life: Invertebrates
- Task B: Genetics: Mutations
- Task C: Population Ecology: Re-introduction

Question 3

- Task A: Animal Biology: Circulatory Systems
- Task B: The Tree of All Life: Prokaryotes
- Task C: Practical work experience

Question 4

- Task A: Animal Biology: Excretory Systems
- Task B: The Science of Biology: Organization of Life
- Task C: Cell biology

Question 5

- Task A: Plant Biology: Transport of Water
- Task B: Animal and Human Biology: Muscles and Movement
- Task C: Plant biology: Transpiration and Water Intake

Question 6

- Task A: Evolution and Classification
- Task B: Human Biology: The Endocrine System
- Task C: Evolutionary Classification: Animals

Question 7

Task A: Cell Biology: Cell Structure

Haanova 28 · 851 04 Bratislava

tel.: 0907 115 967 · e-mail: tajomnik@bilgym.sk · www.bilgym.sk



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- Task B: Ecology: Flow of Energy and Cycles of Matter
- Task C: Ecology: Cycles of Matter

Ouestion 8

- Task A: Animal and Human Biology: Respiratory Systems
- Task B: The Tree of All Life: Protists
- Task C: Ecology: Competition and other interactions

Ouestion 9

- Task A: Animal and Human Biology: Skeletal Systems
- Task B: Human Biology: Defences against infection
- Task C: Plant Biology: Temperature and Seed Germination

Question 10

- Task A: Cellular Respiration
- Task B: Ecology: Flow of Energy
- Task C: Animal Biology: Ecto- and Endo- terms

Question 11

- Task A: Ecology: Community Interactions
- Task B: Human Biology: Excretion and the Kidney
- Task C: Community Ecology

Question 12

- Task A: Cell Biology: Cell Transport
- Task B: Animal Behaviour
- Task C: Practical work experience

Question 13

- Task A: Population Ecology
- Task B: Human Biology: Heart and Blood Vessels
- Task C: Population Ecology

Ouestion 14

- Task A: The Tree of All Life: Fungi
- Task B: Community Ecology: Succession
- Task C: Evolutionary Classification: Plants

Question 15

- Task A: Genetics: DNA Structure and Replication
- Task B: Human Biology: Reproduction
- Task C: Animal Behaviour: Breeding Success

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Question 16

• Task A: The Tree of All Life: Protists

• Task B: Animal Biology: Nervous Systems

• Task C: Animal Behaviour: Learning

Ouestion 17

• Task A: Plant Biology: Growth and Development

• Task B: Human Biology: Defences against infection

• Task C: Practical work experience

Question 18

Task A: Cell Biology: The Cell Cycle and Mitosis

• Task B: Classification: Plants

• Task C: Animal Biology: Reproduction and Gestation in Mammals

Ouestion 19

Task A: Genetics: RNA and Protein Synthesis

• Task B: Evolution and classification

• Task C: Using a Light Microscope: Cells and Tissues

Ouestion 20

• Task A: The Science of Biology: Charles Darwin and Evolution

• Task B: Genetics: DNA and Chromosomes

• Task C: Practical work experience

Ouestion 21

• Task A: Viruses

• Task B: Animal Biology and Behaviour: Reproduction

• Task C: Animal Biology: Reproduction and Development

Question 22

• Task A: Population Genetics and Evolution

• Task B: Human Biology: Digestive System

• Task C: Animal Behaviour

Question 23

• Task A: Animal Biology: Reproductive Diversity

• Task B: Ecology: Biodiversity and Nature Protection

• Task C: Genetics: Protein Synthesis

Question 24

• Task A: Animal and Human Biology: Neurons and the Nerve impulse

• Task B: Animal Behaviour

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Task C: Genetics: Other Patterns of Inheritance

Question 25

- Task A: The Tree of All Life: Chordates
- Task B: Human Biology: Blood, Lymph
- Task C: Genetics: Inheritance of Human Blood Types

Question 26

- Task A: Animal Biology: Feeding and Digestion
- Task B: Human Biology: Senses
- Task C: Genetics: Inheritance of human traits

Ouestion 27

- Task A: The Tree of All Life: Prokaryotes
- Task B: Cell Biology: Cell Transport
- Task C: Using a Light Microscope: Cells and Tissues

Question 28

- Task A: Genetics: Gregor Mendel and Mendel's Rules
- Task B: Human Biology: Nervous System
- Task C: Genetics: Mendelian Inheritance

Question 29

- Task A: Cell Biology: Meiosis
- Task B: Ecology: Community interactions
- Task C: Plant Biology: Tissues and Organs

Question 30

- Task A: The Tree of All Life: Seedless plants
- Task B: Ecology: Abiotic and Biotic Factors
- Task C: Population Genetics: Hardy-Weiberg