

QUIZ#1
SPRING
22

BT401

VU PAKISTAN



DUE DATE
JUNE 08,2022

MUHAMMAD KASHIF
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Question # 10 of 10 (Start time: 12:54:40 AM, 06 June 2022)

When two different genotypes respond to environmental exposure in different ways. It is known as ——?

Select the correct option

☐	Genotype-phenotype interaction
☐	Gene-Gene interaction
☐	Gene-Ecosystem interaction
☒	Gene-Environment interaction

Solved by Muhammad Kashif

Question # 9 of 10 (Start time: 12:54:16 AM, 06 June 2022)

scientific name of wild horse is ____ ?

Select the correct option



Bubalus arnee



Equus ferus



None of them



Lycaon pictus

Solved by Muhammad Kashif

[Click to Save Answer & Move to Next Question](#)

Question # 8 of 10 (Start time: 12:53:40 AM, 06 June 2022)

Scientific name of Marco polo sheep is ?

Select the correct option



oxyura leucocephala



Ovis ammon



none of above



moschus moschiferous

Solved by Muhammad Kashif

Click to Save Answer & Move to Next

Out of total global population of Markhor _____ number is found in Pakistan

Select the correct option

- ☐ 1200
- ☐ 3800
- ☒ 1500
- ☐ 2500

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BT401:Quiz No 1

Question # 6 of 10 (Start time: 12:52:31 AM, 06 June 2022)

Maintenance of ecosystem is main goal of conservation of —— resources.

Select the correct option

☐	cell line
☒	Genetic
☐	None of above
☐	Programmed

BT401:Quiz No 1

Question # 5 of 10 (Start time: 12:52:16 AM, 06 June 2022)

Crossing over is;

Select the correct option

☐	Chromosomal thickness
☐	pairing of chromsomes
☐	Exchange of segments between humans
☒	Exchange of segments between chromosomal sections

Natural and cultural heritage protected permanently by -----.

Select the correct option

- ☐ none of above
- ☒ in situ conservation
- ☐ Parent conservation
- ☐ ex situ conservation

Solved by Muhammad Kashif

Question # 3 of 10 (Start time: 12:51:00 AM, 06 June 2022)

A sharp decrease in population's gene pool because of an environmental, or human-caused, change————?

Select the correct option

☒	Bottleneck Effect
☐	Non-founder Effect
☐	None of these
☐	Founder Effect

Solved by Muhammad Kashif

conservation of ecosystems and natural habitats and the maintenance and recovery of viable populations of species is called _____

Select the correct option

☐

In vitro Conservation

☐

Ex Situ conservation

☐

In vivo Conservation

☒

In Situ conservation

Solved by Muhammad Kashif

Click to Save Answer & Move to Next Question

Question # 1 of 10 (Start time: 12:49:37 AM, 06 June 2022)

Total Marks: 1

The varieties which were developed by systematic breeding effort, were once commercially cultivated but are no more grown are called:

Select the correct option

☐	Dominant
☐	Original
☒	Obsolete
☐	Recessive

Solved by Muhammad Kashif

Click to Save Answer & Move to Next Question

_____are areas of terrestrial and coastal ecosystems promoting solutions to resolve the conservation of biodiversity with its sustainable use.

Select the correct option

☐	Ecosystem
☒	Biosphere Reserve
☐	Lithosphere
☐	Biodiversity

Click to Save Answer & Move to Next Question

Natural and cultural heritage protected permanently by -----.

Select the correct option

☐ ex situ conservation

☐ none of above

☒ in situ conservation

☐ Parent conservation

Solved by Muhammad Kashif

Question # 8 of 10 (Start time: 12:44:34 AM, 06 June 2022)

The Global Strategy for Plant Conservation (GSPC) is a program to Save the World's Plant founded in _____

Select the correct option

☐	1977
☐	1989
☒	1999
☐	1991

Solved by Muhammad Kashif

Click to Save Answer & Move to Next Qu

BT401:Quiz No 1

Question # 7 of 10 (Start time: 12:43:05 AM, 06 June 2022)

A specie of plant or animal that has been exterminated ————?

Select the correct option

☐	Endangered Specie
☐	Threatened Specie
☐	Mutant specie
☒	Extinct Specie

Solved by Muhammad Kashif

The transfer of gene from parent to offspring is called

Select the correct option

- | | |
|----------------------------------|--------------------------|
| ☐ | None of above |
| ☐ | Horizontal Gene transfer |
| ☒ | Vertical Gene transfer |
| ☐ | Both A and B |

The activity of keeping animals or plants in order to produce animals or plants that have particular qualities is called _____

Select the correct option:

☐	Crossing over
☐	Pollination
☐	Interbreeding
☒	Breeding

Solved by Muhammad Kashif

----- conservation means the conservation of ecosystems and natural habitats and the maintenance and recovery of viable populations of species in their natural surroundings

Select the correct option

☐	only situ
☒	In situ
☐	non situ
☐	ex situ

Solved by Muhammad Kashif

BT401:Quiz No 1

Question # 3 of 10 (Start time: 12:40:05 AM, 06 June 2022)

When two different genotypes respond to environmental exposure in different ways. It is known as -----?

Select the correct option

☒	Gene-Environment interaction
☐	Genotype-phenotype interaction
☐	Gene-Ecosystem interaction
☐	Gene-Gene interaction

Sum total of all hereditary material that can be used to maintain plant and animal breeding is called _____

Select the correct option

☐	Protoplasm
☒	Germplasm
☐	Periplasm
☐	Neoplasm

Solved by Muhammad Kashif

GSPC was founded in

Select the correct option

- | | |
|----------------------------------|------|
| ☐ | 1990 |
| ☐ | 1989 |
| ☒ | 1999 |
| ☐ | 1992 |

Solved by Muhammad Kashif

Question # 10 of 10 (Start time: 12:36:55 AM, 06 June 2022)

Total

Natural and cultural heritage protected permanently by --
-.

Select the correct option

- | | |
|----------------------------------|----------------------|
| ☒ | in situ conservation |
| ☐ | none of above |
| ☐ | Parent conservation |
| ☐ | ex situ conservation |

Click to Save Answer & Move to Next Question

BT401:Quiz No 1

Question # 9 of 10 (Start time: 12:36:37 AM, 06 June 2022)

Crossing over is:

Select the correct option

☐	pairing of chromsomes
☒	Exchange of segments between chromosomal sections
☐	Chromosomal thickness
☐	Exchange of segments between humans

BT401:Quiz No 1

Question # 8 of 10 (**Start time: 12:35:51 AM, 06 June 2022**)

Peste des petits ruminants also known as.....

Select the correct option

☐	foot and mouth disease
☒	sheep and goat plague
☐	none of these
☐	Ovine rinderpest

Total area under major pulse crops in pakistan is about

Select the correct option



3.5m hectares



1.5m hectares



5.5m hectares



4.5m hectares

Solved by Muhammad Kashif

Domesticated animal resources are important due to _____ reason

Select the correct option



Provide hair



Provide milk



Provide meat



All given

Solved by Muhammad Kashif

Click to Save Answer & Move to Next Question

The activity of keeping animals or plants in order to produce animals or plants that have particular qualities is called

Select the correct option

☐

Interbreeding

☐

Crossing over

☐

Pollination

☒

Breeding

Solved by Muhammad Kashif

Click to Save Answer & Move to Next Question

Conservation of plant genetic resources is necessary for

Select the correct option

☐	Agro-biodiversity
☐	Maintenance of ecosystem
☐	Food security
☒	All given

Solved by Muhammad Kashif

Question # 3 of 10 (Start time: 12:32:47 AM, 06 June 2022)

----- conservation means the conservation of ecosystem and natural habitats and the maintenance and recovery of viable populations of species in their natural surroundings.

Select the correct option

☐	only situ
☐	non situ
☒	In situ
☐	ex situ

Solved by Muhammad Kashif

Click to Save Answer & Move to Next Q

BT401:Quiz No 1

Question # 2 of 10 (Start time: 12:31:07 AM, 06 June 2022)

Animal genetic resources are referred as

Select the correct option

☐	animal genetic resources for food and agriculture
☐	livestock biodiversity
☐	farm animal genetic resources
☒	All

Sharp lowering of population gene pool is called ____ ?

Select the correct option

☐

None of above

☐

Founder effect

☒

Bottleneck effect

☐

Mutation

Solved by Muhammad Kashif

_____is an interdisciplinary subfield that aims to understand the dynamics of genes in populations to avoid extinction

Select the correct option

☐

Genetic resources

☒

Genetics Conservation

☐

Genetic diversity

☐

Cloning

Click to Save Answer & Move to Next Question

BT401:Quiz No 1

Question # 9 of 10 (Start time: 12:26:49 AM, 06 June 2022)

A chemical substance produced by microorganisms that can kill or stunt the growth of other microorganisms---

Select the correct option

☒	Antibiotic
☐	Probiotic
☐	Antigen
☐	Both A and C

Solved by Muhammad Kashif

Question # 8 of 10 (Start time: 12:26:04 AM, 06 June 2022)

"Plant diversity is urgently and effectively conserved" is an objective of

Select the correct option

☒	GSPC
☐	Both B and C
☐	Nagoya Protocol
☐	CBD

[Click to Save Answer & Move to Next](#)

Question # 7 of 10 (Start time: 12:24:38 AM, 06 June 2022)

The Global Strategy for Plant Conservation (GSPC) is----

Select the correct option

- | | |
|----------------------------------|--------------------------------|
| ☐ | Both |
| ☐ | Useless for plant conservation |
| ☐ | none of above |
| ☒ | Useful for plant conservation |

Conservation of plant genetic resources is necessary for

Select the correct option



Both A and B



Agrobiodiversity



Commercial use



Food Security

Click to Save Answer & Move to Next Question

Direct or indirect impact of human on environment is termed as _____

Select the correct option

☐

Genetic effect

☐

Anthropogenic effect

☒

All given

☐

Sociologic effect

Solved by Muhammad Kashif

Click to Save Answer & Move to Next Question

Question # 4 of 10 (Start time: 12:21:32 AM, 06 June 2022)

Total Marks: 1

PGRFA Stands for.....

Select the correct option



Plant Genetic Resources for Agriculture



Both A and B



Plant Genetic Resources for Food and Agriculture



Plant Genetic resources And Forrest Agriculture

[Click to Save Answer & Move to Next Question](#)

Domesticated animal resources are important due to _____ reason

Select the correct option

☐

Provide meat

☐

Provide hair

☐

All given

☒

Provide milk

Solved by Muhammad Kashif

Click to Save Answer & Move to Next Question

The term animal genetic resources (AnGR) is used to include:

Select the correct option

☐ few animal species, breeds and strains

☒ all animal species, breeds and strains

☐ all alien species, breeds and strains

☐ None of above

Click to Save Answer & Move to Next Question

BT401:Quiz No 1

Question # 1 of 10 (Start time: 12:19:36 AM, 06 June 2022)

Crossing over is:

Select the correct option

☒	Exchange of segments between chromosomal sections
☐	Exchange of segments between humans
☐	pairing of chromsomes
☐	Chromosomal thickness

Resources have to be maintained in such a state that it minimize the risk of loss and allows either its direct planting in the field or its preparation of planting with relative ease this is called -----.

Select the correct option

☒	plant genetic resources conservation
☐	plant chromosomal resources conservation
☐	plant cellular resources conservation
☐	plant enzymatic resources conservation

Question # 9 of 10 (Start time: 12:15:08 AM, 06 June 2022)

----- conservation means the conservation of ecosystem and natural habitats and the maintenance and recovery of viable populations of species in their natural surroundings.

Select the correct option

☐	ex situ
☐	only situ
☒	In situ
☐	non situ

[Click to Save Answer & Move to Next Question](#)

Increasing genetic diversity interprets daughter chromosome contains genes from:

Select the correct option

- | | |
|----------------------------------|--------------------|
| ☒ | Both parents |
| ☐ | Own gene synthesis |
| ☐ | None of parents |
| ☐ | Single parent |

Solved by Muhammad Kashif

conservation of ecosystems and natural habitats and the maintenance and recovery of viable populations of species is called _____

Select the correct option

- ☐ Ex Situ conservation
- ☒ In Situ conservation
- ☐ In vitro Conservation
- ☐ In vivo Conservation

Solved by Muhammad Kashif

Question # 6 of 10 (Start time: 12:12:32 AM, 06 June 2022)

Genetic resources for Food, Agriculture and Forestry include both ----- and ----- .

Select the correct option

☐	Artificially selected organisms and domesticated forms
☐	Genetically modified organisms and domesticated forms
☒	wild species and domesticated forms
☐	human species and domesticated forms

Question # 5 of 10 (Start time: 12:12:07 AM, 06 June 2022)

GSPC was founded in

Select the correct option

☒ 1999

☐ 1990

☐ 1992

☐ 1989

Solved by Muhammad Kashif

BT401:Quiz No 1

Question # 4 of 10 (Start time: 12:11:35 AM, 06 June 2022)

Peste des petits ruminants also known as.....

Select the correct option

☐	none of these
☐	foot and mouth disease
☒	sheep and goat plague
☐	Ovine rinderpest

Question # 3 of 10 (Start time: 12:10:45 AM, 06 June 2022)

To

"Plant diversity is urgently and effectively conserved" is an objective of

Select the correct option

☐	CBD
☒	GSPC
☐	Nagoya Protocol
☐	Both B and C

Solved by Muhammad Kashif

Click to Save Answer & Move to Next Question

A species of plant or animal that is in immediate danger of becoming extinct and needs protection to survive is called _____

Select the correct option

☐	Threatened Species
☒	Endangered Species
☐	Extinct species
☐	All given

Solved by Muhammad Kashif

_____are plants or populations having unique valuable germplasm which are generated and/or selected for genetic studies

Select the correct option

☐ Genetic resources

☐ All given

☐ Genetic diversity

☒ Genetic stocks

Solved by Muhammad Kashif