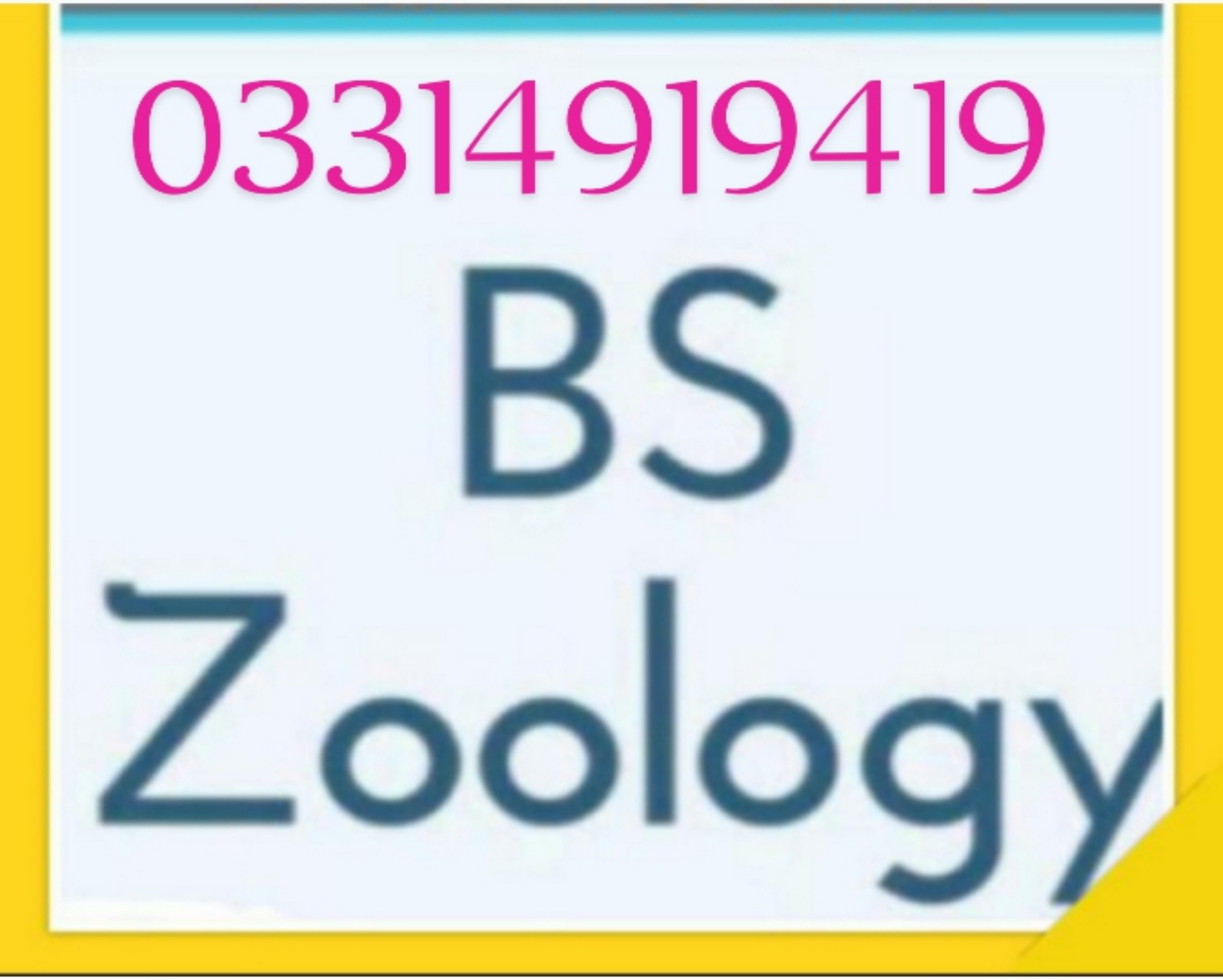
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BIO301:Quiz no.1

Question # 1 of 7 (Start time: 07:28:04 PM, 22 June 2022)

Which one of the following is not true about organism with their ch

Select the correct option

- (●) Round worm has only two chromosomes
- ( ) Protozoa having more than 300 chromosomes
- ( ) Fungi have 3-8 chromosomes
- ( ) Angiosperms have 78 chromosomes



Question # 6 of 7 (Start time: 07:33:55 PM, 22 June 2022)

The type of inheritance appears in AB blood group phenotype?

Select the correct option

- ○ Complete dominance
- ○ All of these
- ● Co-dominance
- ○ Incomplete dominance

Click to Save Answe

5 / 8

Question # 7 of 7 (Start time: 12:02:27 PM, 22 June 2022)

____ is not the property of Garden Pea plant that was used by Gregor Mendel for his experiment?

Select the correct option

- Long generation time
- Produces many offspring
- Self and cross pollination
- Seed in a variety of shapes and colors

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Question # 2 of 7 (Start time: 06:09:31 PM, 22 June 2022)

A DNA polymorphism affects _____of the population.

Select the correct option

○	2-3%
○	3-4%
●	1-2%
○	4-5%

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_____ is an individual's observable traits, such as height, eye color, and blood type

ect the correct option

○	Genetics
○	Trait
●	Phenotype
○	Genotype

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Question # 3 of 7 (Start time: 01:18:23 PM, 22 June 2022)

Variations that are genetically_____and cannot be altered

Select the correct option

- Disturbed
- Change
- Uncontrolled
- Controlled

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Question # 4 of 7 (Start time: 06:11:13 PM, 22 June 2022)

Proteins that are used to package DNA

Select the correct option

○	Nucleosomes
○	Chromatins
●	Histones
○	Telomerases

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Question # 1 of 7 (Start time: 06:08:48 PM, 22 June 2022)

_____ was considered as "The Father of Genetics" ?

Select the correct option

- (●) Gregor Johann Mendel
- ( ) Francis Crick
- ( ) James Watson
- ( ) Charles Darwin

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Time Left sec(s)

BIO301:Quiz no.1

Quiz Start Time: 09:50 AM, 22 June 2022

Question # 4 of 7 (Start time: 09:55:45 AM, 22 June 2022)

Total Marks: 1

A gene's capacity to impact an organism in a variety of ways is referred to as_____

Select the correct option

Reload Math Equations

- Epistasis
- All of the above option
- Polygenic inheritance
- Pleiotropy

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Click to Save Answer & Move to Next Question

sec(s)

BIO301:Quiz no.1

Quiz Start Time: 01:15 PM, 22 June 2022

Question # 6 of 7 (Start time: 01:24:44 PM, 22 June 2022)

Total Marks: 1

Which one of following is the example of the pleiotropic effects in humans?

Select the correct option

Reload Math Equations

- Huntington disease
- All of the above option
- Sickle cell anemia
- Cystic fibrosis

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Click to Save Answer & Move to Next Question

An example of inherited variation is _____

Select the correct option

○	Athletic skills
○	Finger prints
○	Language
○	Obesity

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Question # 3 of 7 (Start time: 06:10:03 PM, 22 June 2022)

Which of the following statements accurately describes Gregor Mendel's inheritance model?

Select the correct option

○	Each gene have many alleles
○	Each trait is controlled by multiple genes
○	All of these
●	A clear dominant-recessive relationship between alleles

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sec(s)

BIO301:Quiz no.1

Quiz Start Time: 09:50 AM, 22 June 2022

Question # 1 of 7 (Start time: 09:50:40 AM, 22 June 2022)

Total Marks: 1

_____ is the heredity unit of chromosomes

Select the correct option

Reload Math Equations

- Trait
- Genetics
- Genotype
- Gene

Click to Save Answer & Move to Next Question

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Question # 5 of 7 (Start time: 06:12:35 PM, 22 June 2022)

Mendel determined the segregation of alleles at two genes loci based on _____

Select the correct option

- None of these
- Dihybrid cross
- Monohybrid cross
- Trihybrid cross

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Question # 7 of 7 (Start time: 06:15:13 PM, 22 June 2022)

In Drosophila, how many genes are there?

Select the correct option

- 45, 000
- 13, 700
- 10, 000
- 5, 800

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Time Left sec(s)

BIO301:Quiz no.1

Quiz Start Time: 09:50 AM, 22 June 2022

Question # 5 of 7 (Start time: 09:56:46 AM, 22 June 2022)

Total Marks: 1

Which of the organisms below has 16 chromosomes?

Select the correct option

Reload Math Equations

- Rice and Maize
- Onion and Mold
- Carrot and Onion
- Tomato and Tobacco

Click to Save Answer & Move to Next Question

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BIO301:Quiz no.1

Question # 7 of 7 (Start time: 05:43:07 PM, 22 June 2022)

_____ is an example of inheritance that not follow principles of heredity formulated by Gregor Mendel?

Select the correct option

- Autosomal recessive
- Autosomal dominant
- X-linked
- Epigenetics

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Type here to search

BIO301:Quiz no.1

Question # 1 of 7 (Start time: 05:38:25 PM, 22 June 2022)

The type of inheritance appears in AB blood group phenotype?

Select the correct option

- Incomplete dominance
- Complete dominance
- Co-dominance
- All of these

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BIO301:Quiz no.1

Question # 2 of 7 (Start time: 05:39:13 PM, 22 June 2022)

Which of the organisms below has 16 chromosomes?

Select the correct option

- Carrot and Onion
- Onion and Mold
- Rice and Maize
- Tomato and Tobacco

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BIO301:Quiz no.1

Question # 4 of 7 (Start time: 05:40:33 PM, 22 June 2022)

Which of the following statements accurately describes Gregor Mendel's inheritance model?

Select the correct option

- Each trait is controlled by multiple genes
- All of these
- Each gene have many alleles
- A clear dominant-recessive relationship between alleles

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BIO301:Quiz no.1

Question # 5 of 7 (Start time: 05:41:12 PM, 22 June 2022)

_____ is also called as sub discipline of Mendelian genetics

Select the correct option

- Quantitative genetics
- Molecular genetics
- Population genetics
- Transmission genetics

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BIO301:Quiz no.1

Question # 6 of 7 (Start time: 05:42:17 PM, 22 June 2022)

A DNA polymorphism affects _____of the population

Select the correct option

- 4-5%
- 2-3%
- 1-2%
- 3-4%

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BIO301:Quiz no.1

Question # 3 of 7 (Start time: 05:39:50 PM, 22 June 2022)

___ was considered as "The Father of Genetics"?

Select the correct option

- Charles Darwin
- Gregor Johann Mendel
- James Watson
- Francis Crick

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