

09 : 43



2/10



10 min



Hint

Q : Which of the following idea was not a part of Charles Darwin's theory of evolution by natural selection?



Organisms produce more offspring than the environment can support



Variation between individuals arises by gene mutation



Individuals compete for scarce resources



Adaptive variation is inherited

1

2

3

4

5

6

09 : 37



3/10



10 min



Hint

Q : Natural selection can operate on:



Variations



Non-heritable variations



Heritable variations



All A, B, C

1

2

3

4

5

6

7

09 : 33



4/10



10 min



Hint

Q : Survival in the struggle for existence depends upon:



Physical environment



Chemical constituents



Heredity constitution



Environmental resources

1

2

3

4

5

6

09 : 28



5/10



10 min



Hint

Q : According to Darwin survival in the struggle for existence is not random but depends on the _____ constitution of the surviving individuals.

A

Hereditary

B

Internal Environment

C

External Environment

D

Acquired characters

1

2

3

4

5

6

09 : 22



6/10



10 min



Hint

Q : The smallest biological unit that can evolve over time:



A species



A population



An individual



An ecosystem

4

5

6

7

8

9

10

09 : 18



7/10



10 min



Hint

Q : According to Hardy-Weinberg law, all of the following can affect allele frequency in a population's gene pool except:



Mutation



Migration



Random mating



Genetic drift

4

5

6

7

8

9

10

09 : 13



8/10



10 min



Hint

Q : All of the following are related to non-random mating in a particular population except:



A Allele frequency remains constant



B Increases the proportion of homozygous individuals



C Lessens the proportion of heterozygous individuals



D Strictly follows Hardy-Weinberg theorem

4

5

6

7

8

9

10

09 : 08



9/10



10 min



Hint

Q : Change in frequency of alleles at a locus that occurs by chance is called:



Mutation



Migration



Genetic drift



Selection

4

5

6

7

8

9

10

09 : 04



10/10



10 min



Hint

Q : It does not result in change in genetic frequency of an evolving population:



Migration



Mutation



Selection



Random mating

4

5

6

7

8

9

10



Practice Test-1 (Evolution)



10



10 min



06-Sep-2020



42 sec

[Result Detail](#)



	Correct	7
	Incorrect	3
	Unattempted	0



Incorrect



2/10

Q : Which of the following idea was not a part of Charles Darwin's theory of evolution by natural selection?

- A Organisms produce more offspring than the environment can support
- B Variation between individuals arises by gene mutation**
- C Individuals compete for scarce resources
- D Adaptive variation is inherited

Explanation

Darwinism is a theory of evolution based upon inherited variations in organisms and natural selection of fitter variants to produce species adapted to their habitats. Neo-Darwinism relates evolution with population genetics.

1

2

3

4

5

6



Practice Test-1 (Evolution)



Correct



Unattempted



Incorrect



3/10

Q : Natural selection can operate on:



Variations



Non-heritable variations



Heritable variations



All A, B, C

Explanation

Variation in a population that is attributable to individual genetic differences.

1

2

3

4

5

6



Incorrect



4/10

Q : Survival in the struggle for existence depends upon:



A Physical environment



B Chemical constituents



C Heredity constitution



D Environmental resources

Explanation

Darwin claimed that there was a continual struggle for existence in nature, in which only the fittest would survive with best genetic makeup.

1

2

3

4

5

6



Incorrect



5/10

Q : According to Darwin survival in the struggle for existence is not random but depends on the _____ constitution of the surviving individuals.



A Hereditary



B Internal Environment



C External Environment



D Acquired characters

Explanation

Darwin claimed that there was a continual struggle for existence in nature, in which only the fittest would survive with best genetic makeup.

1

2

3

4

5

6



Practice Test-1 (Evolution)



Correct



Unattempted



Incorrect



6/10

Q : The smallest biological unit that can evolve over time:



A species



A population



An individual



An ecosystem

Explanation

Species are ultimate products of evolution.

1

2

3

4

5

6



Incorrect



8/10

Q : All of the following are related to non-random mating in a particular population except:



A Allele frequency remains constant



B Increases the proportion of homozygous individuals



C Lessens the proportion of heterozygous individuals



D Strictly follows Hardy-Weinberg theorem

Explanation

Non-random mating does not change the allelic frequency of population but it lessens the frequency of heterozygotes as predicted by Hardy-Weinberg theorem.

5

6

7

8

9

10



Practice Test-1 (Evolution)



Correct



Unattempted



Incorrect



9/10

Q : Change in frequency of alleles at a locus that occurs by chance is called:



Mutation



Migration



Genetic drift



Selection

Explanation

Genetic drift is sudden change in allele frequency due to gene loss and it occurs by chance.

5

6

7

8

9

10



Practice Test-1 (Evolution)



Correct



Unattempted



Incorrect



10/10

Q : It does not result in change in genetic frequency of an evolving population:



Migration



Mutation



Selection



Random mating

Explanation

Random mating conserves the gene pool in a population.

5

6

7

8

9

10



TEST

Test Level-1 (Evolution)



20 Questions



15 min

Topics

Charles Darwin, Theory of Natural Selection,
Hardy-Weinberg Theorem

[Start Test](#)

14 : 54



1/20



15 min



Hint

Q : According to Darwin, finches found on Galapagos island had distinct characteristics due to:

A

Geographical isolation

B

Developmental anomaly

C

Special creation

D

More competition on island

1

2

3

4

5

6



2/20



15 min



Hint

Q : What was the perception of Darwin about unity of life?



All organisms descend from a common ancestor



All organisms are created specially by a divine force



All organisms share a common biological composition



All organisms arise from non-living things

1

2

3

4

5

6

14 : 45



3/20



15 min



Hint

Q : According to Darwin _____ become better adapted to local environment through natural selection.

A

Regional community

B

Population

C

Ecosystem

D

Individual

1

2

3

4

5

6

14 : 41



4/20



15 min



Hint

Q : Which one is related to natural selection?



More people → more resources → no competition



More people → less resources → more competition



Less people → more resources → no competition



Less people → less resources → no competition

1

2

3

4

5

6

14 : 30



6/20



15 min



Hint

Q : All of the following are points of theory of natural selection except:

A

Descent with modification

B

Survival of the fittest

C

Struggle for existence

D

Inheritance of acquired characters

4

5

6

7

8

9

14 : 25



7/20



15 min



Hint

Q : Two main points of Darwin's theory of evolution are:



Origin of species, Descent with modification



Natural selection, adaptation



Struggle for existence, evolution



Descent with modification, Natural selection & adaptation

4

5

6

7

8

9

14 : 20



8/20



15 min



Hint

Q : Which of the following describes the process of natural selection?



Change from simple to more complex organisms



Differential reproductive success between genotypes



Increase in the size of a population



Occurrence of new mutations

7

8

9

10

11

12

13



9/20



15 min



Hint

Q : Which one of the following phenomenon supports Darwin's concept of natural selection in organic evolution?



Development of transgenic animals



Production of 'Dolly', the sheep by cloning



Prevalence of pesticide resistant insects



Development of organs from 'stem cells' for organ transplantation

14 : 11



10/20



15 min



Hint

Q : Diversity of living organisms is due to:



Mutation



Gradual changes



Long term evolutionary change



Short term evolutionary change

7

8

9

10

11

12

13

14 : 06



11/20



15 min



Hint

Q : In a population that is in Hardy-Weinberg equilibrium, 16 % of the individuals show the recessive trait. What is the frequency of the dominant allele in the population?



0.6



0.4



0.84



0.36

0

11

12

13

14

15

16

14 : 00



12/20



15 min



Hint

Q:

What is the frequency of the recessive allele in a population of 100 individuals with the following genotypes: 30 BB, 60 Bb, 10 bb?



0.3



0.4



0.6



0.7

0

11

12

13

14

15

16

13 : 56



13/20



15 min



Hint

Q : If frequency of dominant allele in a non-evolving population is 0.3 then the frequency of heterozygote in that population will be:



0.7



0.9



0.42



0.21

0

11

12

13

14

15

16

13 : 50



14/20



15 min



Hint

Q : In a population with two alleles 'M' and 'm', allelic frequency of 'M' is 0.8. What would be the frequency of heterozygote if population is in Hardy-Weinberg equation?



0.16



0.2



0.32



0.28

13

14

15

16

17

18

19

13 : 45



15/20



15 min



Hint

Q : Hardy-Weinberg equation is used to calculate:



Frequency of alleles



Genotype



To observe evolution



All A, B, C

13

14

15

16

17

18

19

13 : 40



16/20



15 min



Hint

Q : The frequency of an autosomal lethal gene is 0.4. The frequency of carrier in a population of 200 individuals is:

A

72

B

104

C

96

D

36

13

14

15

16

17

18

19

13 : 34



17/20



15 min



Hint

Q : Hardy-Weinberg equation is used to observe all at equilibrium except:



Frequency of alleles



Frequency of genotypes



Evolution



Gene locus

4

15

16

17

18

19

20

13 : 25



19/20



15 min



Hint

Q : Overall genetic structure of population is disturbed by:



Mutation



Genetic drift



Selection



All A, B, C

4

15

16

17

18

19

20

13 : 19



20/20



15 min



Hint

Q : The ultimate source of all changes is:

A

Mutation

B

Adaptation

C

Migration

D

Selection

4

15

16

17

18

19

20



TEST RESULT

Test Level-1 (Evolution)



20



15 min



06-Sep-2020



0 sec

[Result Detail](#)





Correct



Unattempted



Incorrect



1/20

Q : According to Darwin, finches found on Galapagos island had distinct characteristics due to:



Geographical isolation



Developmental anomaly



Special creation



More competition on island

Explanation



1

2

3

4

5

6



Correct



Unattempted



Incorrect



2/20

Q : What was the perception of Darwin about unity of life?



All organisms descend from a common ancestor



All organisms are created specially by a divine force



All organisms share a common biological composition



All organisms arise from non-living things

Explanation



1

2

3

4

5

6



Test Level-1 (Evolution)



Correct



Unattempted



Incorrect



3/20

Q : According to Darwin _____ become better adapted to local environment through natural selection.

A

Regional community

B

Population

C

Ecosystem

D

Individual

Explanation

Evolution occurs at population level.

1

2

3

4

5

6

7



Test Level-1 (Evolution)



Correct



Unattempted



Incorrect



4/20

Q : Which one is related to natural selection?



A More people → more resources → no competition



B More people → less resources → more competition



C Less people → more resources → no competition



D Less people → less resources → no competition

Explanation

Over production in a population leads to the competition for limited resources intraspecifically as well as interspecifically.

1

2

3

4

5

6



Test Level-1 (Evolution)



Correct



Unattempted



Incorrect



5/20

Q : In Darwin's hypothetical evolutionary tree, tips of living twigs represent:

A

Ancestral History

B

Current Biodiversity

C

Common skills

D

Fossils

Explanation



1

2

3

4

5

6



Incorrect



6/20

Q : All of the following are points of theory of natural selection except:



Descent with modification



Survival of the fittest



Struggle for existence



Inheritance of acquired characters

Explanation

Darwinism is a theory of evolution based upon inherited variations in organisms and natural selection of fitter variants to produce species adapted to their habitats.

5

6

7

8

9

10



Test Level-1 (Evolution)



Correct



Unattempted



Incorrect



7/20

Q : Two main points of Darwin's theory of evolution are:



Origin of species, Descent with modification



Natural selection, adaptation



Struggle for existence, evolution



Descent with modification, Natural selection & adaptation

Explanation

According to Darwin, changes occurring at a slow rate with slight changes results in evolution with time

5

6

7

8

9

10



Incorrect



8/20

Q : Which of the following describes the process of natural selection?



A Change from simple to more complex organisms



B Differential reproductive success between genotypes



C Increase in the size of a population



D Occurrence of new mutations

Explanation

Nature selects those species which can reproduce under harsh environmental conditions due to their better genotype. So success of species depends on its different genotype.

5

6

7

8

9

10



Q : Which one of the following phenomenon supports Darwin's concept of natural selection in organic evolution?

A

Development of transgenic animals

B

Production of 'Dolly', the sheep by cloning

C

Prevalence of pesticide resistant insects

D

Development of organs from 'stem cells' for organ transplantation

Explanation

Transgenic animals, cloning of sheep (Dolly) and use of stem cells for development of organs all are use of biotechnology techniques, while development of pesticide resistance in insects with time is an example of natural selection.

5

6

7

8

9

10



Incorrect



11/20

Q : In a population that is in Hardy-Weinberg equilibrium, 16 % of the individuals show the recessive trait. What is the frequency of the dominant allele in the population?



0.6



0.4



0.84



0.36

Explanation

According to Hardy-Weinberg's equation:

$$p^2 + 2pq + q^2 = 1 \text{ (Value of } q^2 \text{ is } 16/100 = 0.16)$$

8

9

10

11

12

13



Incorrect



12/20

Q:

What is the frequency of the recessive allele in a population of 100 individuals with the following genotypes: 30 BB, 60 Bb, 10 bb?



0.3



0.4



0.6



0.7

Explanation

Frequency of recessive allele in this population is ($q=80/200=0.4$).

8

9

10

11

12

13



Test Level-1 (Evolution)



Correct



Unattempted



Incorrect



13/20

Q : If frequency of dominant allele in a non-evolving population is 0.3 then the frequency of heterozygote in that population will be:



0.7



0.9



0.42



0.21

Explanation

$p = 0.3$, $q = 0.7$ frequency of heterozygote will be calculated by $2pq$.

8

9

10

11

12

13

14



Test Level-1 (Evolution)



Incorrect



14/20

Q : In a population with two alleles 'M' and 'm', allelic frequency of 'M' is 0.8. What would be the frequency of heterozygote if population is in Hardy-Weinberg equation?



0.16



0.2



0.32



0.28

Explanation

'M' = 0.8, then 'm' = 0.2 and heterozygote will be $2(Mm)$.

14

15

16

17

18

19

20



Correct



Unattempted



Incorrect



15/20

Q : Hardy-Weinberg equation is used to calculate:

A

Frequency of alleles

B

Genotype

C

To observe evolution

D

All A, B, C

Explanation

Hardy-Weinberg theorem explains the frequency of alleles and genotypes in a non-evolving population at equilibrium.



Incorrect



16/20

Q : The frequency of an autosomal lethal gene is 0.4. The frequency of carrier in a population of 200 individuals is:

A

72

B

104

C

96

D

36

Explanation

$p = 0.6$, $q = 0.4$. Carriers will be heterozygotes and will be calculated by $2(0.6)(0.4) = 0.48$

So 48% of individuals will be carriers.

14

15

16

17

18

19



Test Level-1 (Evolution)



Correct



Unattempted



Incorrect



17/20

Q : Hardy-Weinberg equation is used to observe all at equilibrium except:

A

Frequency of alleles

B

Frequency of genotypes

C

Evolution

D

Gene locus

Explanation

Hardy-Weinberg theorem explains the frequency of alleles and genotypes in a non-evolving population at equilibrium.

14

15

16

17

18

19

20

 Incorrect

 18/20

Q:

In a population with two alleles for a particular locus, B and b, the allele frequency of B is 0.7. What would be the frequency of heterozygous if the population is in Hardy-Weinberg equilibrium?

A 0.36

B 0.16

C 0.42

D 0.24

Explanation

$p = 0.7$, $q = 0.3$ (frequency of heterozygote will be calculated by $2pq$).



Test Level-1 (Evolution)



Correct



Unattempted



Incorrect



19/20

Q : Overall genetic structure of population is disturbed by:



Mutation



Genetic drift



Selection



All A, B, C

Explanation

All factors that effect genetic make up of a population and effect its allele frequency disturb genetic structure of a population.

14

15

16

17

18

19

20



Incorrect



20/20

Q : The ultimate source of all changes is:



Mutation



Adaptation

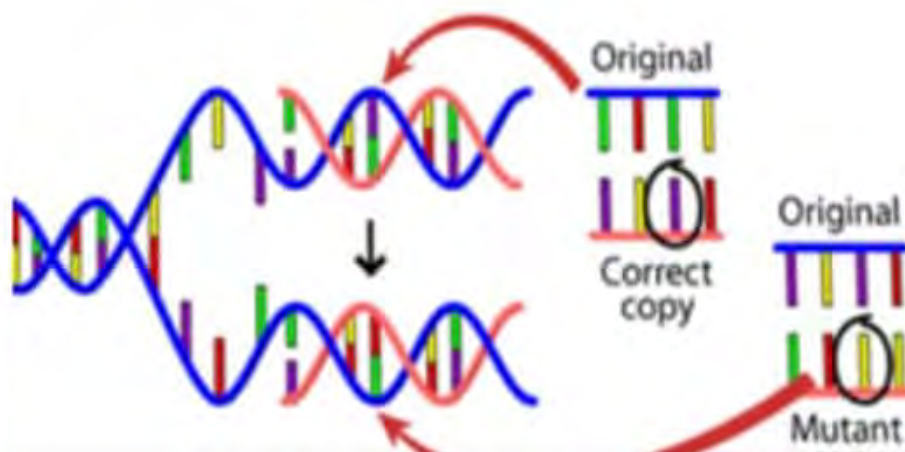


Migration



Selection

Explanation



14 : 56



1/20



15 min



Hint

Q : According to Darwin, finches found on Galapagos island had distinct characteristics due to:



A Geographical isolation



B Developmental anomaly



C Special creation



D More competition on island



14 : 52



2/20



15 min



Hint

Q : What was the perception of Darwin about unity of life?



All organisms descend from a common ancestor



All organisms are created specially by a divine force



All organisms share a common biological composition



All organisms arise from non-living things

1

2

3

4

5

6

7

14 : 48



3/20



15 min



Hint

Q : Which one is related to natural selection?



More people → more resources → no competition



More people → less resources → more competition



Less people → more resources → no competition



Less people → less resources → no competition

1

2

3

4

5

6

7



4/20



15 min



Hint

Q:

Following observations refer to natural selection:

1. Evolution
2. Struggle for existence
3. Overproduction in a population
4. Natural selection

Which of these represent exact sequence of these events?

A 3,2,4,1

B 3,1,4,2

C 4,2,1,3

D 2,1,3,4

1

2

3

4

5

6



5/20



15 min



Hint

Q : Which of the following idea was not a part of Charles Darwin's theory of evolution by natural selection?



A Organisms produce more offspring than the environment can support



B Variation between individuals arises by gene mutation



C Individuals compete for scarce resources



D Adaptive variation is inherited

1

2

3

4

5

6

7

14 : 34



6/20



15 min



Hint

Q : Survival in the struggle for existence depends upon:



Physical environment



Chemical constituents



Heredity constitution



Environmental resources

1

2

3

4

5

6

7

14 : 28



7/20



15 min



Hint

Q : All of the following are points of theory of natural selection except:



Descent with modification



Survival of the fittest



Struggle for existence



Inheritance of acquired characters

6

7

8

9

10

11

14 : 24



8/20



15 min



Hint

Q : According to Darwin, the prime cause of evolution is:



Overproduction



Survival of the fittest



Struggle for existence



Natural selection





9/20



15 min



Hint

Q : Which one of the following phenomenon supports Darwin's concept of natural selection in organic evolution?



A Development of transgenic animals



B Production of 'Dolly', the sheep by cloning



C Prevalence of pesticide resistant insects



D Development of organs from 'stem cells' for organ transplantation

6

7

8

9

10

11

14 : 15



10/20



15 min



Hint

Q : Diversity of living organisms is due to:



Mutation



Gradual changes



Long term evolutionary change



Short term evolutionary change

6

7

8

9

10

11

14 : 10



11/20



15 min



Hint

Q : The smallest biological unit that can evolve over time:



A species



A population



An individual



An ecosystem

10

11

12

13

14

15

16

14 : 06



12/20



15 min



Hint

Q : In a population that is in Hardy-Weinberg equilibrium, 16 % of the individuals show the recessive trait. What is the frequency of the dominant allele in the population?



0.6



0.4



0.84



0.36

10

11

12

13

14

15

16

14 : 02



13/20



15 min



Hint

Q:

What is the frequency of the recessive allele in a population of 100 individuals with the following genotypes: 30 BB, 60 Bb, 10 bb?



0.3



0.4



0.6



0.7



13 : 58



14/20



15 min



Hint

Q : If frequency of dominant allele in a non-evolving population is 0.3 then the frequency of heterozygote in that population will be:



0.7



0.9



0.42



0.21

10

11

12

13

14

15

16

13 : 54



15/20



15 min



Hint

Q : According to Hardy-Weinberg law, all of the following can affect allele frequency in a population's gene pool except:



Mutation



Migration



Random mating



Genetic drift

10

11

12

13

14

15

16



16/20



15 min



Hint

Q : In a population with two alleles 'M' and 'm', allelic frequency of 'M' is 0.8. What would be the frequency of heterozygote if population is in Hardy-Weinberg equation?



0.16



0.2



0.32



0.28

13 : 38



18/20



15 min



Hint

Q : If $p + q = 1$ then what will be frequency of q ?



$1-p$



$1-q$



q^2



p^2

4

15

16

17

18

19

20

13 : 33



19/20



15 min



Hint

Q : Change in frequency of alleles at a locus that occurs by chance is called:



Mutation



Migration



Genetic drift



Selection

4

15

16

17

18

19

20

13 : 28



20/20



15 min



Hint

Q : It does not result in change in genetic frequency of an evolving population:



Migration



Mutation



Selection



Random mating

4

15

16

17

18

19

20



TEST RESULT

Test Level-2 (Evolution)



20



15 min



06-Sep-2020



17 sec

[Result Detail](#)



Correct

18



Test Level-2 (Evolution)



Correct



Unattempted



Incorrect



1/20

Q : According to Darwin, finches found on Galapagos island had distinct characteristics due to:



Geographical isolation



Developmental anomaly



Special creation



More competition on island

1

2

3

4

5

6



Test Level-2 (Evolution)



Correct



Unattempted



Incorrect



2/20

Q : What was the perception of Darwin about unity of life?



All organisms descend from a common ancestor



All organisms are created specially by a divine force



All organisms share a common biological composition



All organisms arise from non-living things

1

2

3

4

5

6



Test Level-2 (Evolution)



Correct



Unattempted



Incorrect



3/20

Q : Which one is related to natural selection?



A More people → more resources → no competition



B More people → less resources → more competition



C Less people → more resources → no competition



D Less people → less resources → no competition

1

2

3

4

5

6



Test Level-2 (Evolution)



Correct



Unattempted



Incorrect



4/20

Q:

Following observations refer to natural selection:

1. Evolution
2. Struggle for existence
3. Overproduction in a population
4. Natural selection

Which of these represent exact sequence of these events?



3,2,4,1



3,1,4,2



4,2,1,3



2,1,3,4

1

2

3

4

5

6



Correct



Unattempted



Incorrect



5/20

Q : Which of the following idea was not a part of Charles Darwin's theory of evolution by natural selection?



Organisms produce more offspring than the environment can support



Variation between individuals arises by gene mutation



Individuals compete for scarce resources



Adaptive variation is inherited





Test Level-2 (Evolution)



Correct



Unattempted



Incorrect



6/20

Q : Survival in the struggle for existence depends upon:

A

Physical environment

B

Chemical constituents

C

Heredity constitution

D

Environmental resources

1

2

3

4

5

6

7



Test Level-2 (Evolution)



Correct



Unattempted



Incorrect



7/20

Q : All of the following are points of theory of natural selection except:

A

Descent with modification

B

Survival of the fittest

C

Struggle for existence

D

Inheritance of acquired characters

6

7

8

9

10

11

12



Test Level-2 (Evolution)



Correct



Unattempted



Incorrect



8/20

Q : According to Darwin, the prime cause of evolution is:



Overproduction



Survival of the fittest



Struggle for existence



Natural selection

6

7

8

9

10

11

12



Test Level-2 (Evolution)



Correct



Unattempted



Incorrect



9/20

Q : Which one of the following phenomenon supports Darwin's concept of natural selection in organic evolution?



Development of transgenic animals



Production of 'Dolly', the sheep by cloning



Prevalence of pesticide resistant insects



Development of organs from 'stem cells' for organ transplantation

6

7

8

9

10

11

12



Test Level-2 (Evolution)



Correct



Unattempted



Incorrect



10/20

Q : Diversity of living organisms is due to:



Mutation



Gradual changes



Long term evolutionary change



Short term evolutionary change

6

7

8

9

10

11

12



Test Level-2 (Evolution)



Correct



Unattempted



Incorrect



11/20

Q : The smallest biological unit that can evolve over time:



A species



A population



An individual



An ecosystem

6

7

8

9

10

11

12



Test Level-2 (Evolution)



Correct



Unattempted



Incorrect



12/20

Q : In a population that is in Hardy-Weinberg equilibrium, 16 % of the individuals show the recessive trait. What is the frequency of the dominant allele in the population?



0.6



0.4



0.84



0.36

11

12

13

14

15

16

17



Test Level-2 (Evolution)



Correct



Unattempted



Incorrect



13/20

Q:

What is the frequency of the recessive allele in a population of 100 individuals with the following genotypes: 30 BB, 60 Bb, 10 bb?



0.3



0.4



0.6



0.7

11

12

13

14

15

16

17



Test Level-2 (Evolution)



Correct



Unattempted



Incorrect



14/20

Q : If frequency of dominant allele in a non-evolving population is 0.3 then the frequency of heterozygote in that population will be:



0.7



0.9



0.42



0.21

11

12

13

14

15

16

17



Test Level-2 (Evolution)



Correct



Unattempted



Incorrect



15/20

Q : According to Hardy-Weinberg law, all of the following can affect allele frequency in a population's gene pool except:



Mutation



Migration



Random mating



Genetic drift

11

12

13

14

15

16

17



Correct



Unattempted



Incorrect



16/20

Q : In a population with two alleles 'M' and 'm', allelic frequency of 'M' is 0.8. What would be the frequency of heterozygote if population is in Hardy-Weinberg equation?



0.16



0.2



0.32



0.28



Test Level-2 (Evolution)



Correct



Unattempted



Incorrect



17/20

Q : The frequency of an autosomal lethal gene is 0.4. The frequency of carrier in a population of 200 individuals is:



72



104



96



36

4

15

16

17

18

19

20



Test Level-2 (Evolution)



Correct



Unattempted



Incorrect



18/20

Q : If $p + q = 1$ then what will be frequency of q ?



$1-p$



$1-q$



q^2



p^2

4

15

16

17

18

19

20



Test Level-2 (Evolution)



Correct



Unattempted



Incorrect



19/20

Q : Change in frequency of alleles at a locus that occurs by chance is called:

A

Mutation

B

Migration

C

Genetic drift

D

Selection

4

15

16

17

18

19

20



Test Level-2 (Evolution)



Correct



Unattempted



Incorrect



20/20

Q : It does not result in change in genetic frequency of an evolving population:



Migration



Mutation



Selection



Random mating

4

15

16

17

18

19

20