

APRIL

Q7) Toward experiments of Potato beetle - 19

- (i) Supports Lamarckism (ii) Opposes Darwinism
- (iii) Opposes Lamarckism (iv) Support Darwinism

Thursday

Ans 9 - (i)

Q8) Lamarck's theory on organic evolution - is usually known as theory of -

- (i) Natural selection
- (ii) Inheritance of acquired characters
- (iii) continuity of germplasm
- (iv) descent with change.

Ans 10 - (ii)

Q9) Which of the following is attributed to Lamarck? -

- (i) Inheritance of acquired characters
- (ii) Orthogenesis (iii) Origin of species
- (iv) all of these.

Ans 11 - (i)

Q10) When an organ is used it will develop and if it is not used it weakens to become vestigial who could have said their theory -

- (i) Darwin (ii) De Varies
- (iii) Lamarck (iv) Mendel

Ans 12 - (iii)

Q11) Principle of use and disuse was given by -

- (i) Darwin (ii) Lamarck
- (iii) Hugo de Varies (iv) Oparin

Ans 13 - (ii)

AUG

LAMARCKISM & NEO-LAMARCKISM

2001

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APRIL

Q14: 20 The use & disuse principle of evolution or theory of inheritance of acquired characters was proposed by
Friday
(i) Hugo de Vries (ii) Darwin
(iii) Weismann (iv) Lamarck

Ans 14 - (iv)

Q15: Key point to Lamarck's view about organic evolution is that every offspring —

- (i) Is similar to its parents
- (ii) Inherits characters acquired by the parental generation
- (iii) Shows struggle for existence
- (iv) Repeats phylogeny in its ontogeny

Ans 15 - (iv)

Q16: A scientist kept 72 generations of *Drosophila* in darkness. Even after that the first flies had normal eyes. This disproved the theory of
(i) Natural selection (ii) Acquired characters
(iii) Use & disuse (iv) Synthetic theory
(v) Synthetic theory

Ans 16 - (ii)