



Roll No. of Candidate

Name of Candidate

STARS ENTRY TEST SYSTEM-2021
(PMC -NMDCAT)
(BIOLOGY)

Test Code: B-3 (EVOLUTION)

Time Allowed: 30 min

1. **Key point of Lamarck view about organic evolution is that every offspring**
A. Is similar to its parents
B. Inherits characters acquired by the parental generation
C. Shows struggle for existence.
D. Repeats phylogeny in its ontogen
2. **Most primitive organism that originated on earth was**
A. Archeobacteria
B. Eukaryotic bacteria
C. Eubacteria
D. Amoeba
3. **Lamarck's theory of evolution is known as**
A. Natural selection
B. Inheritance of acquired characters
C. Survival of the fittest
D. Mutation theory
4. **With respect to nutrition, most primitive organism was**
A. Autotroph
B. Chemoautotroph
C. Heterotroph
D. Absorptive heterotroph
5. **Which of the following concept is attributed to Charles Darwin?**
A. Use and disuse of organs is of great importance in evolution.
B. Every cell must come from a pre-existing cell
C. In the struggle for existence, the fittest would survive
D. The gametes will carry only one of a pair of contrasting characters.
6. **Theory of natural selection was proposed by**
A. Lamarck
B. Darwin
C. De Vries
D. Haeckel
7. **The first living being originated about years ago**
A. 3.5 million
B. 420 million
C. 1.5 billion
D. 3.5 billion
8. **According to theory of natural selection, organisms produce**
A. More offspring than supported
B. Less offspring than supported
C. Offspring according to resources available
D. Offspring to create resources
9. **The First photosynthetic organisms used as a source of hydrogen for reducing carbon dioxide to sugar**
A. H₂
B. H₂S
C. H₂O
D. CH₄
10. **Organelle of symbiotic origin is**
A. Ribosome.
B. Golgi Complex.
C. lysosome
D. Mitochondria
11. **According to endosymbiont hypothesis, which of the following is formed from cynobacteria**
A. Mitochondria
B. ER
C. Chloroplast
D. Golgi complex
12. **Which hypothesis explain origin of nucleus**
A. Endosymbiont
B. Membrane invagination
C. Vent
D. Evolution
13. **This is most popular example of Lamarck**
A. Primrose
B. African Giraffe
C. Snakes
D. Both B. and C.
14. **An organism that can synthesize all its required organic components from CO₂ using energy from the oxidation process is a:**
A. Photoautotroph
B. Chemoautotroph
C. Photoheterotroph
D. Chemoheterotroph

15. Which of the following explains origin of life on earth
 A. Endosymbiont Hypothesis
 B. Membrane invagination Hypothesis
 C. Vent Hypothesis
 D. Theory of natural selection
16. According to evolutionists, all are present in early atmosphere except
 A. Inorganic molecules
 B. CO₂
 C. Water Vapours
 D. O₂
17. Who stated this theory – organ in use will develop and if not used will weaken to turn vestigial
 A. Mendel
 B. Darwin
 C. De Vries
 D. Lamarck
18. The present giraffe has a long neck as compared to its ancestors. Lamerck believed it could be due to
 A. Natural selection
 B. Isolation
 C. Inheritance of acquired characters
 D. Struggle for survival
19. First living being originated on earth in
 A. Water
 B. Dry Place
 C. Cold water
 D. Hot Water
20. The idea of use and disuse of organs was given by
 A. Lamarck
 B. Darwin
 C. Morgan
 D. Hugo de Vries
21. Lamarckism cannot explain
 A. Webbed toes in aquatic Birds
 B. Weak muscles in the son of a wrestler
 C. Long narrow and limbless body of snakes
 D. Use of organ
22. According to Lamarck Neck and fore limbs in African giraffe increased in length as a result of:
 A. Variation in these organs
 B. Mutations in these organs
 C. Use of organs
 D. None of these
23. According to Lamarck, Deterioration of organs is associated with
 A. Natural selection
 B. Descent with modification
 C. Use of organs
 D. Disuse of organs
24. In early environment, Accumulation of oxygen in atmosphere is because of
 A. Respiration
 B. Photosynthesis
 C. Chemiosmosis
 D. Digestion
25.occurs because natural selection gives some alleles a better chance of survival than other
 A. Crossing over
 B. Deterioration
 C. Artificial selection
 D. Evolution
26. Over production of offspring leads to
 A. Competition for food
 B. Competition for water
 C. Competition for growing space
 D. All of these
27. Evolution operates on
 A. Individual
 B. Species
 C. Population
 D. Abiotic Components
28. According to Lamark, Long neck of giraffe is because of use of organs. According to Darwin neck of giraffe is because of
 A. Use of organs
 B. Descent with modification
 C. Competition
 D. DNA
29. Which of the following concepts is attributed to Lamarck
 A. Struggle for existence
 B. Survival of the fittest
 C. Inheritance of acquired characters
 D. Cells come from pre-existing cells
30. The survival of an organism during struggle for existence is not random, but depends on
 A. Its genetic constitution
 B. Its ability to acquire characters
 C. Its ability to over produce
 D. Its ability to over eat

TESTS ARE THE BEST FOR YOUR TEST

1	A	B	C	D
2	A	B	C	D
3	A	B	C	D
4	A	B	C	D
5	A	B	C	D
6	A	B	C	D
7	A	B	C	D
8	A	B	C	D
9	A	B	C	D
10	A	B	C	D
11	A	B	C	D
12	A	B	C	D
13	A	B	C	D
14	A	B	C	D
15	A	B	C	D
16	A	B	C	D
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19	A	B	C	D
20	A	B	C	D

21	A	B	C	D
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26	A	B	C	D
27	A	B	C	D
28	A	B	C	D
29	A	B	C	D
30	A	B	C	D
31	A	B	C	D
32	A	B	C	D
33	A	B	C	D
34	A	B	C	D
35	A	B	C	D
36	A	B	C	D
37	A	B	C	D
38	A	B	C	D
39	A	B	C	D
40	A	B	C	D