



BIOLOGY

BOOKS - EVERGREEN BIOLOGY

(ENGLISH)

HUMAN EVOLUTION

Review Questions

1. Name the following:

The theory of evolution given by Lamarck.



Watch Video Solution

2. Name the extinct representative of modern man.



Watch Video Solution

3. Name the common ancestor of the great apes and man.



Watch Video Solution

4. Name the following:

Ship on which Darwin was appointed as a naturalist.



[Watch Video Solution](#)

5. Name the following:

The book written by Lamarck.



[Watch Video Solution](#)

6. Name the following:

The phenomenon by which dark coloured moth originated from light coloured moth.



Watch Video Solution

7. Name the following:

Two vestigial organs in man.



Watch Video Solution

8. Name the following:

Scientist who coined the term evolution.



Watch Video Solution

9. Name the following:

Earliest man like fossil.



Watch Video Solution

10. Name the following:

Human ancestor whose cranial capacity was 1660 cc.



Watch Video Solution

11. Name the following:

The muscles of pinna which are vestigial.



Watch Video Solution

12. Name the following:

The total lifespan of earth.



Watch Video Solution

13. Name the following:

The process by which new species are formed.



Watch Video Solution

14. Name the following:

The study of origin and development of humans in all their physical, social and cultural relationships.



Watch Video Solution

15. Name the following:

A gradual and orderly changes in nature.



Watch Video Solution

16. Choose the correct alternative :

The Origin of Species by Natural Selection' given by Charles Darwin was first published in:

A. 1779

B. 1831

C. 1859

D. 1901

Answer:



Watch Video Solution

17. Choose the correct alternative :

Successful adaptation simply means :

- A. An increase in fitness
- B. Moving to a new place
- C. Producing offsprings
- D. Evolving new characteristics

Answer:



Watch Video Solution

18. Choose the correct alternative :

Which one of the following is the most primitive ancestor of man?

1)Homo habilis

2)Australopithecus

3)Ramapithecus

4)Neanderthals

A. Homo habilis

B. Australopithecus

C. Ramapithecus

D. Neanderthals

Answer:



Watch Video Solution

19. Choose the correct alternative :

During the course of evolution which part of the brain has shown maximum increase in size?

1)Midbrain

2)Forebrain

3)Hind brain

4)All of these

A. Mid brain

B. Forebrain

C. Hind brain

D. All of these

Answer:



Watch Video Solution

20. Industrial melanism was highlighted by

A. *Mimosa pudica*

B. Biston betularia

C. Polar bear

D. Butterfly

Answer:



Watch Video Solution

21. Choose the correct alternative :

The selective agent causing the change in peppered moth was:

1) Humans

2)Lichens

3)Birds

4)Smoke

A. Humans

B. Lichens

C. Birds

D. Smoke

Answer:



Watch Video Solution

22. Study of human evolution is called

A. Palaeoanthropology

B. Anthropology

C. Phylogeny

D. None of these

Answer:



Watch Video Solution

23. Choose the correct alternative :

Grasping ability was completely lost in:

- A. Upright man
- B. Neanderthal man
- C. First apeman
- D. Handy man

Answer:



Watch Video Solution

24. Choose the correct alternative :

Which one of the following had the smallest brain capacity?

A. Homo erectus

B. Homo sapiens

C. Homo habilis

D. None of these

Answer:



Watch Video Solution

25. Choose the correct alternative :

Which one of the following was not explained by the Darwinism?

1) Natural selection

2) Struggle for existence

3) Arrival of the fittest

4) Origin of species

A. Natural selection

B. Struggle for existence

C. Arrival of the fittest

D. Origin of species

Answer:



Watch Video Solution

26. Fill up the blanks with suitable words:

Darwin could not explain completely the mechanisms of evolution, because he was ignorant of the mechanisms of



Watch Video Solution

27. Fill up the blanks with suitable words:

Natural selection operates only on.....
traits.



Watch Video Solution

28. Fill up the blanks with suitable words:

.....is described as man with ape like
brain and the immediate ancestor of man.



Watch Video Solution

29. Fill up the blanks with suitable words:

Increase in melanic variety of peppered moth was explained by



Watch Video Solution

30. Fill up the blanks with suitable words:

Two forms of *Homo erectus* have been identified as and



Watch Video Solution

31. Fill up the blanks with suitable words:

According to natural selection given by Darwin, the ancestors of giraffe showed in their population



Watch Video Solution

32. Fill up the blanks with suitable words:

Our ancestors used appendix to digest



Watch Video Solution

33. Fill up the blanks with suitable words:

Darwin has defined evolution as
.....with.....



Watch Video Solution

34. Fill up the blanks with suitable words:

The scientific name *Homo sapiens* was given to
man by.....



Watch Video Solution

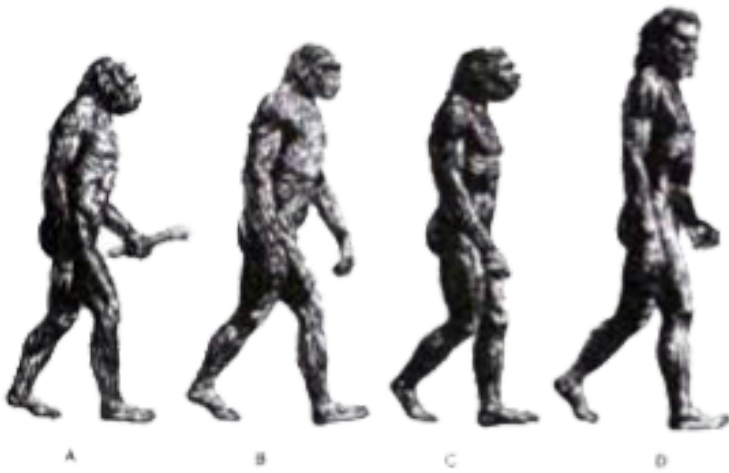
35. Fill up the blanks with suitable words:

The cranial capacity of was 750 - 1100 cc and cranium was domed to accomodate the large brain.



Watch Video Solution

36. Carefully observe the figure and then answer the questions that follow :



(i)

Identify the ancestors of humans shown in the figure.

(ii) Write any two characters of each A and C.

(iii) What is the cranial capacity of B ?

(iv) What is the height of D ?

(v) What type of teeth does D had ?



Watch Video Solution

37. The given picture shows the face of a Cro-Magnon Man.



(i) What is his scientific name?

(ii) Who discovered the fossil of Cro-Magnon Man ?

(iii) When did they became extinct ?

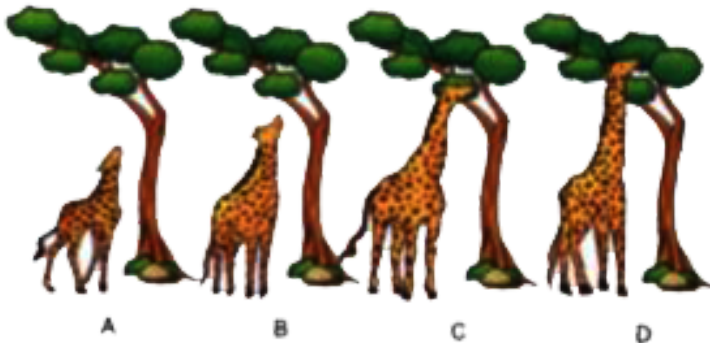
(iv) Write the characters of the picture shown alongside on the basis of the following:

Height, Body hair, Chin, Posture



Watch Video Solution

38. Observe the figures given below and then answer the questions that follow :



(i) What is the picture depicting ?

(ii) What was the reason that the giraffe stretched their neck and forelimbs ?

(iii) Name the theory to which this picture belongs.

(iv) Who explained this theory? (v) What is the conclusion of this theory?



[Watch Video Solution](#)

39. Mention any four features of Neanderthal man.



[Watch Video Solution](#)

40. Explain the evolution of long neck of giraffe according to Charles Darwin.



[Watch Video Solution](#)

41. What are Vestigial organs? Give any three examples.



[Watch Video Solution](#)

42. Explain industrial melanism.



Watch Video Solution

43. Mention the postulates of Darwins theory of Natural Selection.



Watch Video Solution

44. Fitness is the end result of the ability to adapt and get selected by Nature. Explain with suitable example.



Watch Video Solution

45. The given diagram shows peppered moth in the lichen tree.



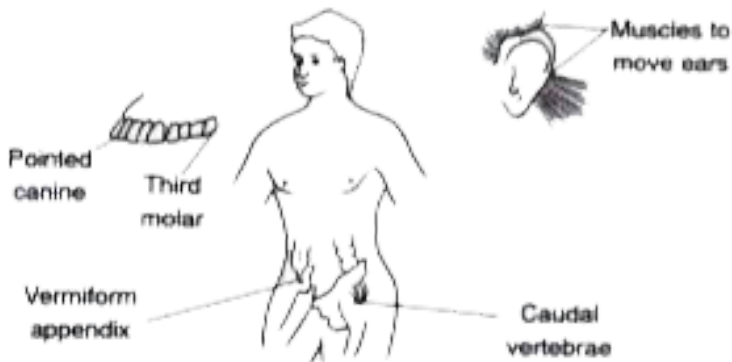
- (i) What is the picture indicating?
- (ii) Write its scientific name.
- (iii) In which country did this happen?

iv) Who were the enemies of these moths?

(v) According to Darwin, what was the conclusion of this effect?

 [Watch Video Solution](#)

46. The picture given below shows certain vestigial organs of man.



(i) What are vestigial organs ?

(ii) Name the muscles which are shown in the ear.

(iii) What is the name of the third molar ?

(iv) What was the role of vermiform appendix in our ancestors?

(v) What is caudal vertebrae?



[Watch Video Solution](#)

47. Which morphological features made man most efficient in the course of evolution ?



[Watch Video Solution](#)

48. What is Brachiation ?



[Watch Video Solution](#)

49. Correct and rewrite the statement by changing the biological term that is underlined for each statement: The theory of Inheritance of Acquired Characters was proposed by Watson and Crick.

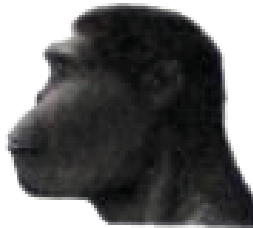


[Watch Video Solution](#)

50. Given below are two stages in the evolution of man. Study them and answer the questions that follow :



A



B

(i) Identify Australopithecus and Neanderthal man from the above pictures.

(ii) Mention two characteristic features each for the two stages.

(iii) Who proposed the theory of Natural Selection?

(iv) Name the organism used as an example to explain 'Industrial Melanism'.

(v) Give two examples of Vestigial organs in humans.



Watch Video Solution