



VIDYANIKETAN COACHING CLASSES, GHANSAWANGI

Class:- 10th

Sub.:- Science-2

Mark's:- 25

Time:- 1:30 Hr

Q.1) A] Choose the correct alternatives for the following question's.

[3]

i] Evolution means.....

(A) gradual development (B) exchange (C) transcription (D) differentiation

ii]is not the vestigial organ in the human body.

(A) Appendix (B) Coccyx (C) Canine (D) Wisdom teeth

iii] The.....man evolved about 50 thousand years ago.

(A) Cro Magnon (B) Neanderthal (C) Australopithecus (D) Ramapithecus

Q.1) B] State whether True or False.

[2]

i) There are mammary glands in Duck-billed platypus.

ii) Information about protein synthesis is stored in RNA.

Q.2) Answer the following question's. [Any-3]

[6]

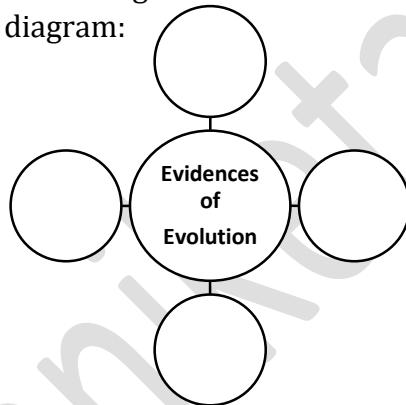
i) Peripatus is said to be a connecting link between Annelida and Arthropoda.

ii) Name the following: a] Vestigial organ in human beings. b] Genetic disorder caused due to mutation.

iii) Distinguish between: Transcription and Translation.

iv) What were the objection raised against Darwinism?

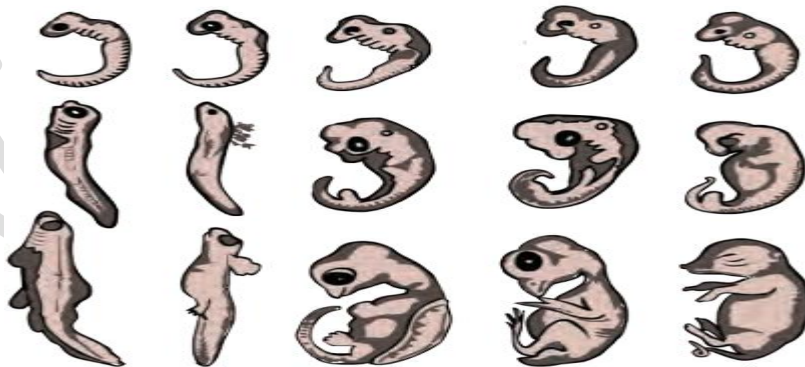
v) Complete the following diagram:



Q.3) Answer the following question's. [Any-3]

[9]

i) Observe the picture and answer the following questions.



a] Which evidence of evolution is shown in the picture?

b] What can be proven with this proof?

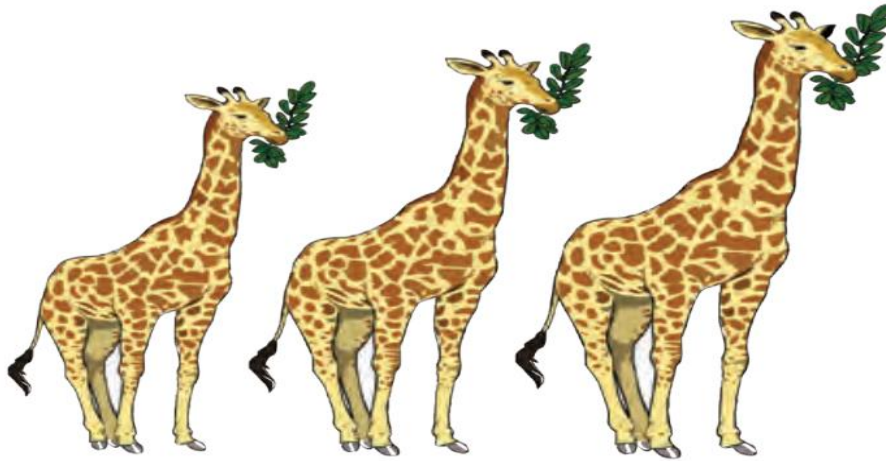
c] Give one more example of evidence of evolution.

- ii] Define heredity. Explain the mechanism of hereditary changes.
 - iii] Explain with suitable examples importance of anatomical evidences in evolution.
 - iv] Explain the process of formation of complex proteins.
 - v] Define fossil. Explain importance of fossils as proof of evolution.
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Q.4) Answer the following question. [Any-1]

[5]

- i) Which concept/theory do you remember after seeing this picture of Giraffes? Describe it in brief.



- ii) Define Evolution and Explain in brief evolutionary history of modern man.
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Best of luck.....

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