

WORKSHEET 1

CHAPTER 15 – HUMAN EVOLUTION

A. Name the following.

1. Fossil ape considered to be the common ancestor of human and great apes.
2. First early true man.
3. Brain capacity of Cro-Magnon man.
4. Another name for Lamarckism.
5. An example of vestigial organ.

B. Fill in the blanks.

1. Ornaments made of ivory were used by _____
2. The _____ man lived in caves and built hut-like shelter and buried their dead.
3. Theory of natural selection was proposed by _____
4. Darwin went on a voyage of world exploration on a ship named _____
5. _____ had cranial capacity of 650–800 cc.

C. Choose the correct option.

1. Which of the following is the most primitive ancestor of man?
a. *Homo habilis* b. *Australopithecus* c. *Ramapithecus* d. *Homo neanderthalensis*
2. The concept of inheritance of acquired character in support of evolution was proposed by
a. Darwin. b. Cuvier. c. Lamarck. d. De Vries.
3. Who wrote the famous book *Origin of Species*?
a. Lamarck b. Mendel c. Darwin d. De Vries
4. By the statement, survival of the fittest Darwin meant that
a. the strongest of all species survives. b. the most intelligent of the species survives.
c. the cleverest of the species survives. d. the most adaptable of the species to change survives.
5. The primate which existed 15 million year ago among these are
a. *Homo habilis*. b. *Australopithecus*. c. *Ramapithecus*. d. *Homo erectus*.

D. State whether the following statements are True or False.

1. All human beings belong to a single species.
2. Human's centre of origin is Asia.
3. Evolution is an irreversible process of change.
4. Brain capacity of neanderthal man was 1300–1600 cc.
5. Industrial melanism supports Lamarckism.

Name:

Teacher's signature:

Class: X

Date:

E. Complete the following table.

Human type	Period of occurrence	Brain capacity
1.	3.9 million years ago	400–600 cc
<i>Homo habilis</i>	2.	3.
4.	1.7 millions years ago	900 cc
5.	40,000–1,00,000 years ago	1300–1600 cc
6.	25,000 year ago	1200–1600 cc

ANSWERS

WORKSHEET 1

A. Name the following.

1. *Dryopithecus*
2. *Homo habilis*
3. 1650 cc
4. theory of use and disuse of organs
5. vermiform appendix

B. Fill in the blanks.

1. *Homo sapiens fossilis*
2. neanderthal man
3. Darwin
4. HMS Beagle
5. *Homo habilis*

C. Choose the correct option.

1. c.
2. c.
3. c.
4. d.
5. c.

D. State whether the following statements are True or False.

1. True
2. False
3. True
4. True
5. False

E. Complete the following table.

1. *Australopithecus*
2. 2.3 million years ago
3. 650–800 cc
4. *Homo erectus*
5. *Homo sapiens neanderthalensis*
6. *Homo sapiens sapiens*