

Abune Gorgorios Schools

Name_____ **No**_____

Subject:- Biology **Grade 12 Section** _____

2012 EC SECOND SEMESTER Worksheet 3 FOR GRADE 12

I. Choose the correct answer from the give alternatives

1. Which one of the following is convergent evolution?

   A. Wings of birds
   B. Gain armadillo
   C. Limbs of human
   D. All except C

2. According to human evolutionary history, which on of following is correct?
   A. All the human being lives in different parts of the world belongs to one species
   B. Human being and chimpanzees are evolved from common ancestor
   C. Modern homo sapiens are evolved from chimpanzee
   D. All except C

3. Lucy is the first human fossil that discovered in .....place and .....year.

   A. Hadar 1974
   B. Near Ethiopian, 1974
   C. Hadar 1992
   D. Asia 1992

4. Among the following features, which one evolve first?
   A. Very large brain
   B. Bipedalism
   C. Artificial intelligence
   D. A and B

5. What is the advantage of large brain in human?
   A. Upright posture and run faster

B. Plan in advance to avoid attack
C. Develop and use tools
D. All are correct

6. In which of the following races of human are you belongs?

A. African
B. Eurasian
C. East Asia
D. All are correct

7. Which one of the following statement is correct?
   A. Plant root is positively gravitropic
   B. Plant shoot is negatively phototropism
   C. Plant root is positively phototropism
   D. Plant root and shoot are positively gravitropic
8. Studying behavior is important in,

A. Animal shaping
B. Neuroscience
C. Conservation
D. All are correct

9. According to Harlow's work on social development in rhesus monkey, the most important preference by the infant monkey was,

A. Comfort/fur/ over food
B. Food /milk/
C. Comfort / fur/
D. Fur or milk

10. A behavior that is present at birth or hatching is

A. Innate
B. Nest building
C. Weaving a web
D. All are correct

II. **Match the items given under "A" with the items given under column "B"**

A	B
1. Special creation	A. Supreme being
2. Spontaneous generation	B. Meteoritis and comets
3. Eternity of life	C. No start and end for life
4. Cosmozoan theory	D. Pre- cell
5. Biochemical reaction	E. Life from non- life
	F. Molecules of life

III. Give a brief explanation for the following questions.

1. Speciation that involves geographical separation is called_____
2. What are the two most important features that distinguish human being from other primates?
3. Where the first oxygen does comes from?
4. What is the improvement of Neo Darwinsm over Darwinsm?
5. How sympatric speciation occurs?