**KAHUHO UHURU HIGH SCHOOL**

**BIOLOGY FORM 2 TUNE-UP EXAM**

**TERM 1 2011**

**NAME ………………………………………….… CLASS………… ADM/NO………….**

1. State the function of the following cell organelles. (2mks)
2. Centrioles
3. Mitochodrion
4. Ribosome
5. Rough and endoplasmic reticulum
6. The diagram below represents the internal structure of a leaf. Study it and answer the questions that follow.
7. Name the parts labeled A – F. (3mks)

A

B

C

D

E

F

1. What are the adaptations of the parts labeled B and C. (2mks)

B

C

1. What is the purpose of the part labeled G in the process of photosynthesis. (1mk)
2. State two structural differences between the cells in the parts labeled C and D. (2mks)
3. Identify the parts of the microscope which serves each of the functions described below;
4. Making rough focus (1mk)
5. Reflecting light from the source (1mk)
6. Placement of specimen for observation. (1mk)
7. Magnifying the specimen (2mks)
8. State four requirements and their sources for the process of photosynthesis to occur. (4mks)

REQUIREMENT SOURCE

(i)

(ii)

(iii)

(iv)

1. List down four factors that affect enzyme activity. (2mks)
2. List down for functions of lipids. (4mks)