

Biology Paper 1 - CATHOLIC DIOCESE OF KERICHO (CDK) EXAMS - 2018 PRE-MOCK WITH MARKING SCHEME

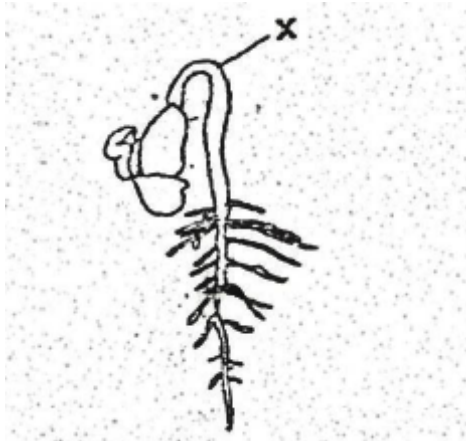
231/1
BIOLOGY
PAPER 1 (THEORY)
TIME: 2 HOURS.
MARCH 2018

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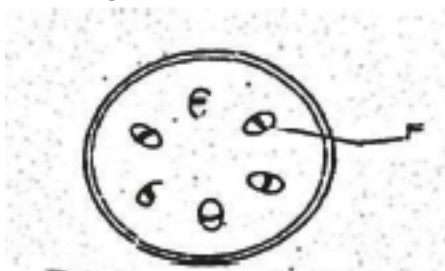
INSTRUCTIONS TO CANDIDATES

Answer all the questions in the spaces provided.

1.
 - a. Name the external feature which is common in birds, fish and reptiles (1mk)
 - b. State two characteristics of fungi (2mks)
2. State the functions of the following parts of a light microscope (2mks)
 - a. Objective lens
 - b. Diaphragm
3.
 - a. Define the term seed dormancy
 - b. The diagram below represents a stage during germination of a seed



4.
 - a. State two causes of chromosomal mutations (2mks)
 - b. Distinguish between continuous variation and discontinuous variations (2mks)
5. The diagram below shows a section through a plant organ



- a.
 - i. Name the class of the plant which the section was obtained (1mk)
 - ii. Give a reason for your answer in (a) (i) above (1mk)

Biology Paper 1 Marking Scheme - CATHOLIC DIOCESE OF KERICHO (CDK) EXAMS - 2018 PRE-MOCK WITH MARKING SCHEME

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INSTRUCTIONS TO CANDIDATES

Answer all the questions in the spaces provided.

1.
 - a. Name the external feature which is common in birds, fish and reptiles (1mk)
Scales/scale
 - b. State two characteristics of fungi (2mks)
 - *Most have cell wall made up of chitin (or cellulose)*
 - *Most reproduce by means of spores/sporulation*
 - *They are eukaryote/eukaryotic*
 - *They are heterotrophy/ lack chloroplasts/some are saprophytic while others are parasitic*
 - *have network of myphae/mycelia*
 - *store food in form of glycogen or oil droplets (both must be mentioned)*
 - *obtains food/nutrients*
 - *Shelter*
2. State the functions of the following parts of a light microscope (2mks)
 - a. Objective lens
Magnification of the object /image
 - b. Diaphragm
Regulate amount of light (falling on the object on microscope) acc; adjust/control amount of light
3.
 - a. Define the term seed dormancy
a period of very minimal metabolic activity in an organism
 - b. The diagram below represents a stage during germination of a seed