

RISHIKUL SANATAN COLLEGE
Y13 BIOLOGY - 2021
TERM 1: COVID 19 EXTENDED HOLIDAY TASKSHEET 4

Day: 1- 3

Activity: Long Essay Writing

Write a long essay of **250-300 words** :

An **exogenous** rhythm is kept in time by a **biological clock**.

With reference to the above statement:

- (i) Define **exogenous rhythm** and **biological clock**;
- (ii) Discuss **two features** of a **biological clock**;
- (iii) Explain **two other types of rhythms** with **examples**;
- (iv) State **two** ways that these rhythms are **advantageous** to organisms

Day: 4 - 5

Activity: Short Essay Writing

Write a short essay of **100- 150 words**.

The evolution of modern man progressed through **adaptive radiation** beginning from the ancestral tree dwelling primates, and eventually leading to **cultural** and **technical revolutions**.

Define **adaptive radiation** and describe **two** characteristics of the technological revolution.