ශ්‍රී ලංකා
විවෘත විශ්වවිද්‍යාලය
05 NOV 2017
විභාග මධ්‍යස්ථානය
මාතර

The Open University of Sri Lanka
B.Sc./B.Ed Degree Programme-Level 05 – 2016/17
PCU3104 – Environmental Studies
Assessment Test II(No Book Test)

Duration – One (01) hour **Reg. No. .....**

Date: 5th November 2017 **Time: 10.30 a.m. – 11.30 a.m.**

Answer all questions on this paper itself.

There are four (04) questions and five (05) pages in this question paper.

01. a. What are the features that determine the size of a population?

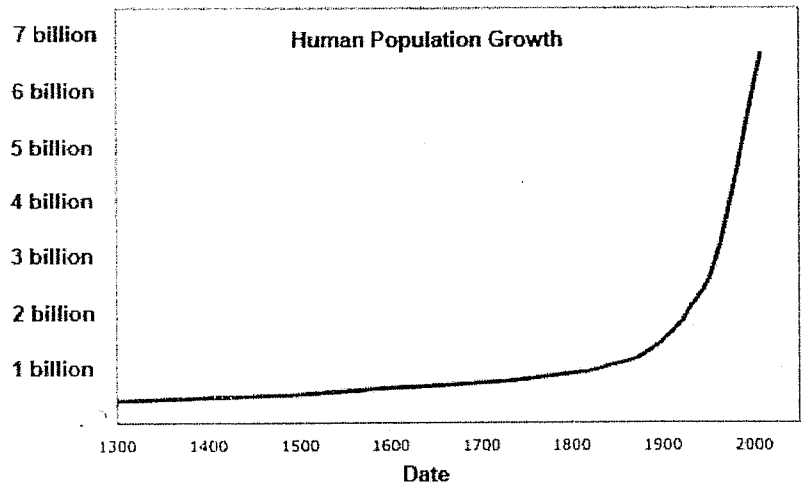
.....

.....

.....

.....

b. The diagram below gives how the human population grows over the years.



Name the shape of the above growth curve and give five possible reasons for this type of growth.

.....

.....

.....

.....

.....

.....

d. Define the term "indoor air pollution".

.....

.....

.....

e. List three(03) indoor pollutants and their sources in the Table below.

Name of indoor air pollutant	Possible source
1.	
2.	
3.	

02. a. With the help of suitable equations, state how Ozone(O_3) is formed in the upper atmosphere.

.....

.....

.....

.....

.....

.....

b. It is believed that the main substance responsible for O_3 depletion is $CFCL_3$. With the help of suitable examples, explain how this depletion takes place in the space below.

c. What are the "3 R" used in integrated waste management?

.....

.....

.....

d. With suitable examples, indicate how those "3 R" helps to manage solid waste.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

3. a. What is meant by "soil degradation"?

.....

.....

.....

.....

b. Briefly explain how over grazing contributes to land degradation.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

c. The two main causes for desertification are deforestation and over cultivation. List two effects for each cause which lead to the desertification.

Deforestation:

.....

.....

.....

.....

Over cultivation:

.....

.....

.....

.....

4. a. How do you define the term "environmental policy"?

.....

.....

.....

.....

b. List the important agreements made at the Rio Earth Summit.

.....

.....

.....

.....

.....

.....

c. What is the main objective of "Kyoto Protocol"?

.....

.....

d. List five targets that are aimed by an Environmental Impact Assessment(EIA)?

.....

.....

.....

.....

.....

.....

e. What is the main objective of Scoping in an EIA?

.....

.....

.....

f. List the major components assessed in a "Social Impact Assessment"

.....

.....

.....

.....

.....

.....

.....

Copyrights Reserved