

**INTERNATIONAL INDIAN SCHOOL, RIYADH**  
**Post Box No.89788, Riyadh-11692 (K.S.A)**

**FIRST TERM EXAMINATION, JUNE 2013**

**Class: XI**

**Subject: BIOLOGY**

**Maximum Marks: 70**

**Time: 3 Hours**

**GENERAL INSTRUCTIONS:**

1. This question paper consists of four sections A, B, C and D.
2. All questions are compulsory.
3. There is no over all choice. However, an internal choice has been provided in one question of 2 marks, one question of 3 mark and three question of 5 mark weightage. Attempt only one of the choices in such questions .
4. Section A contains 8 questions of one mark each and to be answered in one word or one sentence.
5. Section B contains 10 questions of 2 marks each and to be answered in approximately 20-30 words.
6. Section C contains 9 questions of 3 marks each and to be answered in approximately 30-50 words.
7. Section D contains 3 questions of 5 marks each and to be answered in approximately 80-120 words.
8. 23<sup>rd</sup> question is a value based question, which carries 4marks.

**SECTION-A**

**[ 1X5=5]**

1. Give the technical term for sac-fungi.
2. What is the role of intrinsic factor?
3. Arrange the following categories in an ascending order.  
Division, Genus, Class, Species, Order, Family.
4. Define glomerular filtration rate.
5. Name the dominant phase in the life cycle of a fern.

**SECTION-B**  
**[2x5=10]**

6. Differentiate between vital capacity and total lung capacity.
7. Which is the chief nitrogenous waste product of birds? Give two advantages of this mode of excretion.
8. Fill in the blanks a,b,c,d.

Enzymes	substrate	products
Dipeptidase	Dipeptides	<u>    a    </u>
Maltase	<u>    b    </u>	<u>    c    </u>
<u>    d    </u>	Starch	Maltose

9. Write four features of phylum Annelida.

Or

What are diploblastic animals? Name two phyla as examples.

10. With reference to partial pressure of gases, explain how oxygen and carbon di oxide are exchanged between alveoli and blood during respiration.

**SECTION-C**  
**[3x12=36]**

11. Give the full form of ECG .Show the diagrammatic presentation of standard ECG. What does QRS complex represent.
12. Write any six features of phylum Arthropoda.
13. Describe haplontic life cycle. Give two examples.

