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| ASIA ENGLISH SCHOOL | | 1 st Term Exam September 2009-10 |
| Secondary /Higher Secondary Section | | Date :18-09-09 |
| Asia Campus, Drive-in Road, Ahmedabad-380054 | | Time : 2 Hours |
| Std : XI | Sub : Biology | Total Marks : 50 |

Roll No. _____

Instruction :

- (1) All question are compulsory.
- (2) Draw neat labeled diagram where ever necessary

SECTION – A

- (1) Which scientist brought about the 'green revolution' [1]
[a] Wilmot [b] Morgan
[c] Nirenberg [d] Norman Borlaug
- (2) For living organisms, the earth is a closed system for _____ [1]
[a] Energy [b] Matter [c] Materials [d] None of these
- (3) In amphibians the heart is made up of _____ [1]
[a] 2 ventricle and an auricle [b] 2 auricle and a ventricle
[c] 2 auricle and 2 ventricle [d] 1 ventricle and one auricle
- (4) Hamelia is an example of _____ [1]
[a] Multi porous cyme. [b] Scorpioid monochaseal cyme
[c] Helicoid monochaseal cyme [d] Dichaseal cyme
- (5) Aegle is an example of _____ [1]
[a] bifoliate, Palmate compound leaf
[b] Unifoliate, Palmate compound leaf
[c] Mulifoliate, Palmate compound leaf
[d] Multipinnate compound leaf.
- (6) What is Scutellum ? [1]
- (7) What is Phyllode ? [1]
- (8) Define Resolving power. [1]
- (9) What do you mean by "Keel" [1]
- (10) In Gujarat where the botanical garden is located. [1]
- (11) What do you mean by Phyllogeny ? [1]
- (12) Why ATP is considered as energy currency of cell ? [1]
- (13) Differentiate Analogous organs and Homologous organs. [2]
- (14) Write short note on Genetic drift. [2]
- (15) What are the characteristics of Kingdom protista. [2]
- (16) State location and functions of object lens and eye piece lens. [2]
- (17) What is opposite decussate phyllotaxy ? Give one example. [2]
- (18) How an hypogenous flower different from a perigynous flower give example for both. [2]
- (19) Explain the term pseudo coelom, meta merism [2]
- (20) What are the characteristics of Lichen. [2]
- (21) Write down the main characteristic of Angiosperms. [3]
- (22) List out the characteristics of Osteichthyes [3]
- (23) With a labeled diagram explain the structure of bean seed. [3]
- (24) Explain chromatography [3]
- (25) Give general characters of solanaceal Give scientific names of two plants from that family. [5]
- (26) Explain the characteristics of cyclostomata. [5]

OR

Electron microscope is more efficient than the compound microscope explain.
