



ASIA ENGLISH SCHOOL		1 st Term Exam September 2009-10
Secondary /Higher Secondary Section		Date : 16- 09-09
Asia Campus, Drive-in Road, Ahmedabad-380054		Time : 2 hrs.
Std : VIII	Sub : Science	Total Marks : 50

Roll No. _____

SECTION – A

Choose the correct answer from the following.

[6]

- (1) Very thick clouds of which substance are found at the height of 60-70 km from the surface of venus ?
[a] CO_2 [b] HCl [c] SO_2 [d] NO_2
- (2) Which organism plays an important role in the improvement of soil constitution.
[a] Earthworms [b] Rats [c] ants [d] Snakes
- (3) Which gas plays the main role in the “Green house effect” ?
[a] Oxygen [b] Hydrogen
[c] Carbon dioxide [d] Nitrogen
- (4) Which of the following is an animal tissue ?
[a] Parenchyma [b] Collenchyma
[c] Epithelial [d] Sclerenchyma
- (5) Which type of image is not obtained by a convex lens
[a] Virtual and diminished [b] Real and diminished.
[c] Virtual and enlarged. [d] Real and enlarged.
- (6) Which of the following is not an Indicator ?
[a] Starch solution [b] Copper sulphate solution.
[c] Methyl orange [d] Phenolphthalein

SECTION – B

Give short answer for the following.

[7]

- (7) What are constellations ?
- (8) What is soil erosion ?
- (9) How does the human body sustain against the atmospheric pressure ?
- (10) What is the product formed due to neutralization reaction ?
- (11) What is absolute refractive index ?
- (12) Why is bacteriophage called T-phage ?
- (13) What is the role of chloroplast in a plant cell ?

SECTION – C

Answer the following.

[10]

- (14) What are the laws of refraction ?
- (15) What is rearrangement reaction ? Give example.
- (16) Write two uses of oxygen gas.
- (17) We see only one surface of the moon why ?
- (18) Clay soil holds a large amount of water. Explain

SECTION – D

Answer the following.

[15]

- (19) Write 5 uses of algae.
- (20) Write the difference between : a convex lens and a concave lens.
- (21) Explain distillation process with figure.

(P.T.O.)

- (22) Write a short note on control of pollution
- (23) Write a short note on ecliptic circle.

OR

Draw neat and labeled diagram of an animal cell.

SECTION – E

Answer the following.

[12]

- (24) Explain briefly with the help of diagram “a Nitrogen cycle”

OR

- Describe applications of an artificial satellites.
 - (25) Discuss an experiment of refraction of light through a rectangular glass slab.
 - (26) Explain substitution reaction with the help of experiment.
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