

INTERNAL TEST

B.Sc.-Ist SEMESTER

BIOLOGY-US01CBIO02

Date- 8/10/13

Marks-30

Tuesday

Time-11.00-12.00noon

Q-1 Multiple choice questions.

(06)



(1) Bacteriophage is:

- (a) an organelle of the bacterium
- (b) a bacterium which infects a higher plant cell
- (c) a bacterium which infects an animal cell
- (d) a virus which infects a bacterium

(2) A Bacterium possessing flagella all around its surface is _____

- (a) atrichous (b) cephalotrichous (c) lophotrichous (d) peritrichous

(3) When ovary is superior, flower is _____

- (a) epigynous (b) perigynous (c) hypogynous (d) none of these

(4) A leafy structure present at the base of flower is known as _____

- (a) bract (b) stipule (c) bracteole (d) stiple

(5) Galka, Pumpkin, Kakdi, Karela etc. are the examples of:

- (a) Solanaceae (b) Cucurbitaceae (c) Malvaceae (d) Apocynaceae

(6) Anatomical features of Cycas leaf-let indicate that Cycas is a/an

- (a) xerophyte (b) mesophyte (c) hydrophyte (d) amphibian

Q-2 Answer the followings (any three).

(06)

(1) How do bacteria reproduce asexually?

(2) Classify viruses on the basis of their genetic material.

(3) Draw labeled diagram of a leaf.

(4) Name the types of racemose inflorescence.

(5) Write the distinguishable characters of Malvaceae family.

(6) Draw a labeled diagram of megasporophyll of Cycas.

Q-3 (a) Differentiate between a plant and an animal virus.

(03)

(b) Classify viruses on the basis of their host.

(03)

OR

Q-3 (a) Write the characteristic features of bacteria (any six).

(03)

(b) How viruses differ with bacteria?

(03)

Q-4 Explain the types of flower based on the position of ovary.

(06)

OR

Q-4 What is pinnate compound leaf? Describe its types.

(06)

Q-5 (a) Draw labeled diagram of a flower.

(03)

(b) Write the distinguishable characters of Solanaceae family.

(03)

OR

Q-5 Draw a labeled diagram of t.s. of Cycas leaf-let.

(06)

