
Std: 10

Fourth Formative Assessment Examination

marks: 20

Subject: - Science

Name of The Student: _____

Roll No: _____

Section: C

I. Choose the correct answer.

1*3=3

1. The conductivity of a semi conductor can be increased by _____
a) Heating the semi conductor b) doping the semiconductor c) both a and b
d) none of these.
2. The chemical which is used to induce the polyploidy is _____
a) Acetylene b) ethyl alcohol c) colchicine d) agar
3. The metal that cannot liberate hydrogen with dilute acids is _____
a) Sodium b) aluminium c) copper d) potassium

II. Answer the following questions in one sentence

1*2=2

4. Give an example for pentavalent impurity?

5. What is mutation?

III. Answer the following questions in two or three sentence each.

2*4=8

6. Write the neat black diagram of n-p-n and p-n-p transistors

7. What is Hydroponics? Write any one advantage of it.

8. Mention the two ores of Iron.

9. Addition of artificial food additive should be minimized.

IV. Write the differences between an intrinsic semiconductor and extrinsic semiconductor.

1*3=3

V. Write the neat labeled diagram blast furnace.

1*4=4