

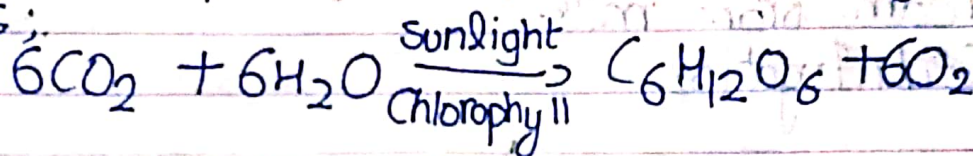
Name: Anuj Sapkota
Class: 8th Gr
Subject: Science
Roll No: 6

Mid Term Examination - 2077

1)

→ Iodine starch test is a test of chemical reaction in which is used to test the presence of starch or iodine.

→ The chemical equation involved in photosynthesis process is;



2.

- a) Yeast = Budding
- b) Onion = Vegetative propagation by stem
- c) Amoeba = Binary fission
- d) Planaria = Fragmentation Regeneration

3. Advantages of sexual reproduction;

- Offspring are disease resistant.
- Variation in offspring can be maintained.

4. → ~~Mixture~~ is When any two or more substances are mixed in any proportion without any chemical change, the result is called mixture.

→ Any two method used to separate following

Name: Anuj Sapkota

Class: 8th Gth

Roll no.: 6

Subject: Science

4(a) Medicines mixed in urine.

→ Column Chromatography

(b) Diesel, petrol, kerosene from crude oil.

→ Fractional Distillation

c) Water from salt solution.

→ Simple Distillation

d) Cream from milk.

→ Centrifugation

5) → Chromatography is a modern method to separate the mixture of ~~inks~~ components of various colours ~~from~~ and it is also used to separate and identify the medicines mixed in our blood and urine.

→ If two different types of particles have the same speed in a medium, is chromatography possible? Write with a reason. chromatography is not possible. Because chromatography separates the substances which ~~has~~ have different extents and those particles have the same speed.

6)

a) Simple and Fractional distillation.

Name: Anuj Sapkota
Class: 8th Gr
Roll no: 6
Subject: Science

Simple distillation	Fractional distillation.
<ul style="list-style-type: none">- It is a type of distillation which is used to separate a mixture of any two miscible liquids which have different boiling points.- It has no fractional column.	<ul style="list-style-type: none">- It is a type of distillation which is used to separate the mixture of two or more liquids having close boiling range.- It has fractional column.

b) Arteries and veins.

Arteries	Vein
<ul style="list-style-type: none">- Arteries carry blood away from the heart.- Its wall is thick and strong.	<ul style="list-style-type: none">- Veins bring blood towards the heart.- Its wall is thin and weak.

7.



Name: Anuj Sapkota
Class: 8th Gr
Roll no: 6

Subject: Science

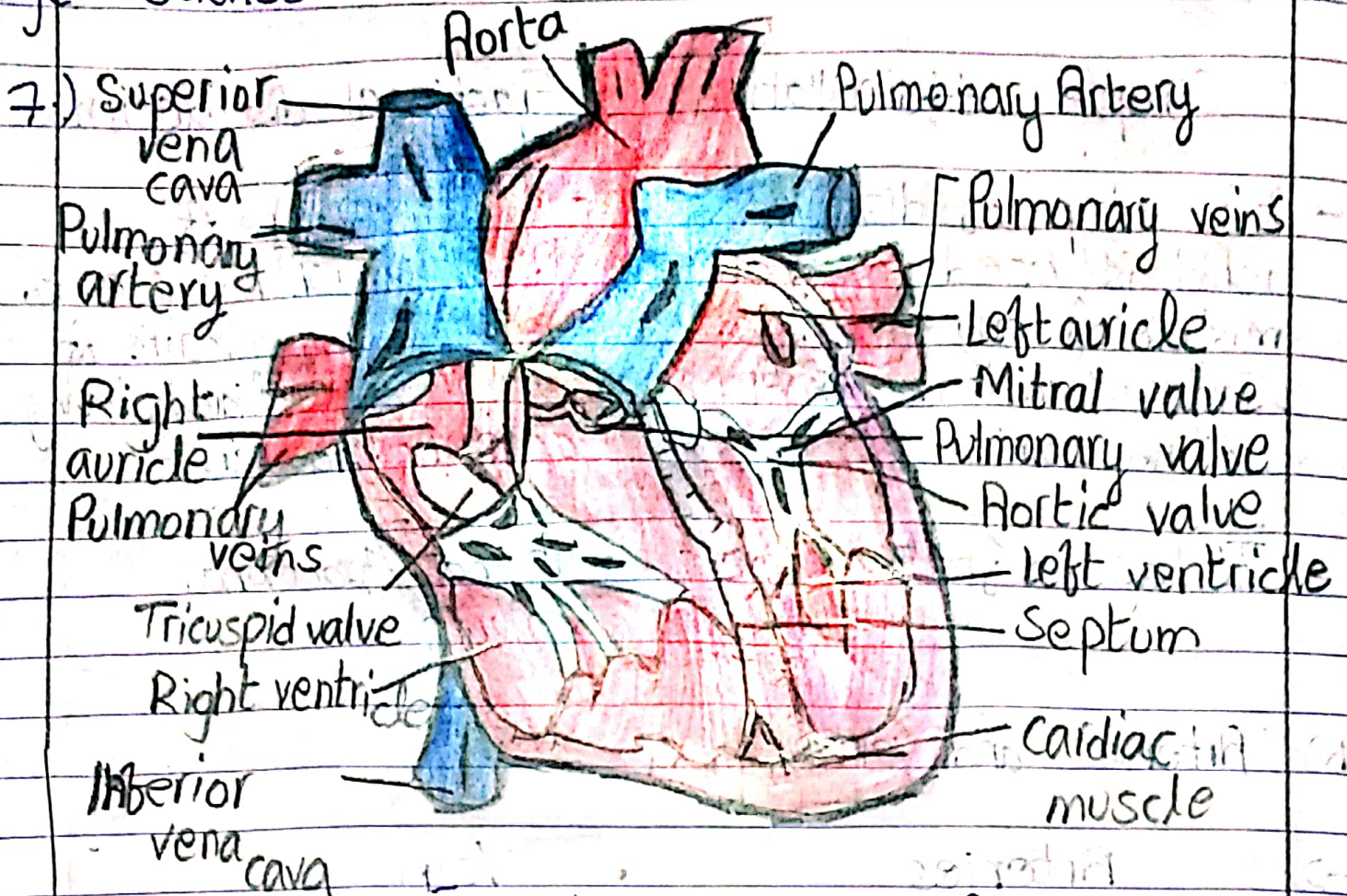


Fig: Internal Structure of Human heart