भाग-1

नामांकन संख्या M 1553308 60

अनुक्रमांक (अंकों में) 18P018234 0

अनुक्रमांक (शब्दों में)

परीक्षार्थी का पूरा नाम Poonam Tomar

कक्ष निरीक्षक का नाम

हस्ताक्षर

परीक्षार्थी द्वारा सम्पूर्ण विवरण भर लिए गये हैं।

R

2018- भाग-2

M.Sc. Internal

# चौधरी चरण सिंह विश्वविद्यालय, मेरठ
## Ch. Charan Singh University, Meerut

निम्नलिखित विवरण परीक्षार्थी द्वारा स्वयं भरा जाए (To be filled by the Examinee)

परीक्षा का नाम (Name of Exam) M.Sc वर्ष 20 19 (Year 20.....) भाग/सेमेस्टर (Part / Semester) II sem

विषय (Subject) Zoology प्रश्न-पत्र/पाठ्यक्रम (Paper /Course) Mammalian physiology पेपर कोड नं. (Paper Code No.) H-2064

परीक्षा का दिन (Day of Examination) Saturday दिनांक (Date) 4/5/19

4/8/19

### प्राप्तांक एवं पूर्णांक परीक्षकों द्वारा भरे जायें

पूर्णांक (Max. Marks)

| प्रश्नों की क्रम संख्या | a/I | b/II | c/III | d/IV | e/V | f/VI | g/VII | h/VIII | i/IX | j/X | योग |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 1 | 2 | | | | | | | | 2½ |
| 2 | 2½ | 1½ | | | | | | | | | 4 |
| 3 | 3 | 3 | | | | | | | | | 6 |
| 4 | | | | | | | | | | | |
| 5 | | | | | | | | | | | |
| 6 | | | | | | | | | | | |
| 7 | | | | | | | | | | | |
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| 9 | | | | | | | | | | | |
| 10 | | | | | | | | | | | |
| 11 | | | | | | | | | | | |
| 12 | | | | | | | | | | | |
| 13 | | | | | | | | | | | |
| 14 | | | | | | | | | | | |

12½ = 18

Poonam Tomar

प्राप्तांक

| (शब्दों में) | अंकों में |
|---|---|
| | 18 |

जाँचकर्ता के हस्ताक्षर एवं तिथि

परीक्षक के हस्ताक्षर एवं तिथि

2018- भाग-3

R

# चौधरी चरण सिंह विश्वविद्यालय, मेरठ

आवश्यक निर्देशों हेतु पृष्ठ भाग देखें

Date Stamp to be affixed here

(परीक्षार्थी द्वारा भरा जाए)

परीक्षा का नाम M.Sc भाग/सेमेस्टर II sem

विषय Zoology

प्रश्न पत्र Mammalian physiology दिनांक 4/5/19

परीक्षार्थी का अनुक्रमांक (Roll Number) 18P018234 0

उत्तर-पुस्तिका क्रमांक KM-I-01-

कालेज कोड 018

(परीक्षार्थी की श्रेणी)

- संस्थागत ●
- व्यक्तिगत ○
- बैक पेपर ○
- अंक सुधार ○
- भूतपूर्व ○
- एकल विषय ○

नामांकन संख्या (Enrollment Number) M 1553308 60

पेपर कोड H-2064

परीक्षार्थी का पूरा नाम Poonam Tomar

कक्ष निरीक्षक का नाम

# Section => C

**Ans=10** **Blood :=>**

- It is a liquid form. and muscular of blood plasma.
  liquid type of connective tissue
- Blood is the vital in our body.
- Blood is circulation start in the heart.
- Blood are the three basic

Components are :=>

1. RBCs ( Red Blood cells) corpuscles

Erthocytes

2. W.B.C. ( White blood Cells)

Leuokocytes

3. Platates ( Thrombocytes)

# Composition of the Blood :-

- Composition of the blood is the very important in our body. Blood circulation of the heart is artery and vein. Artery is red color and vein is the blue color.

Blood is the circulation in all our body.

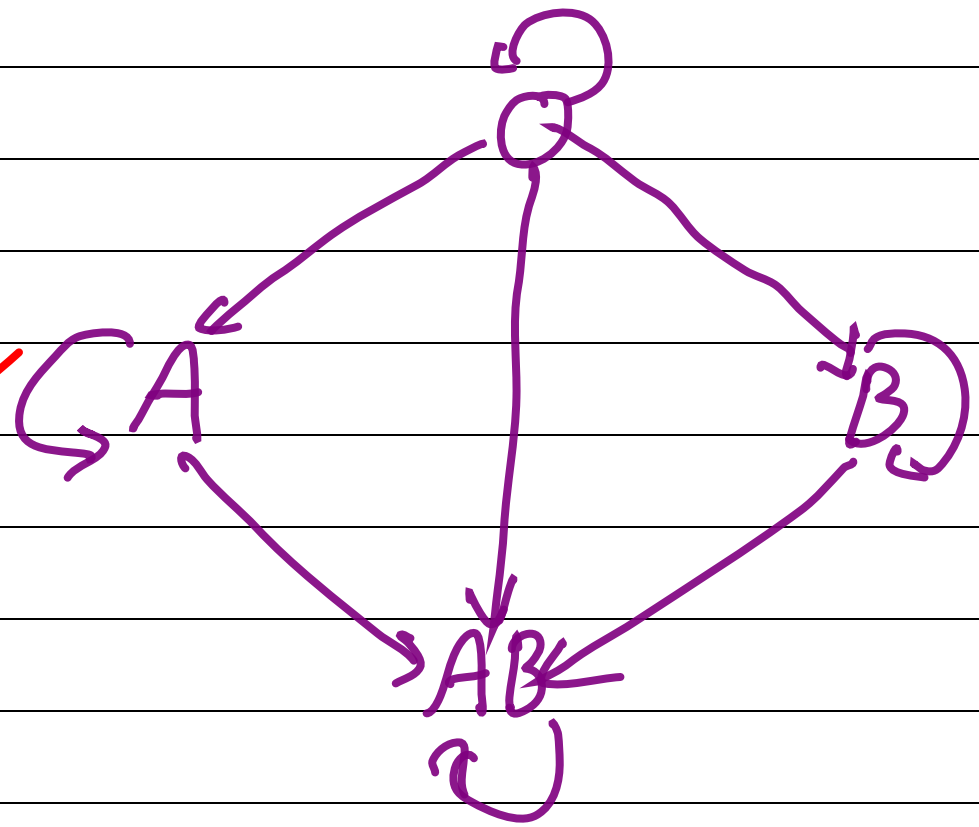
- Blood are the most important in body.

# Function of Blood :-

function of Blood in our body.
Blood are the liquid form in the body.
Blood is the multicellular of blood plasma cells.
Blood is the heart of the artery and vein circulation of the body.

## ☆ Blood group :-> There are 4 types of the blood group testing.

1. A
2. B
3. AB
4. O



1. **A group** :=> A group are the donor group. These are the donate for AB group.

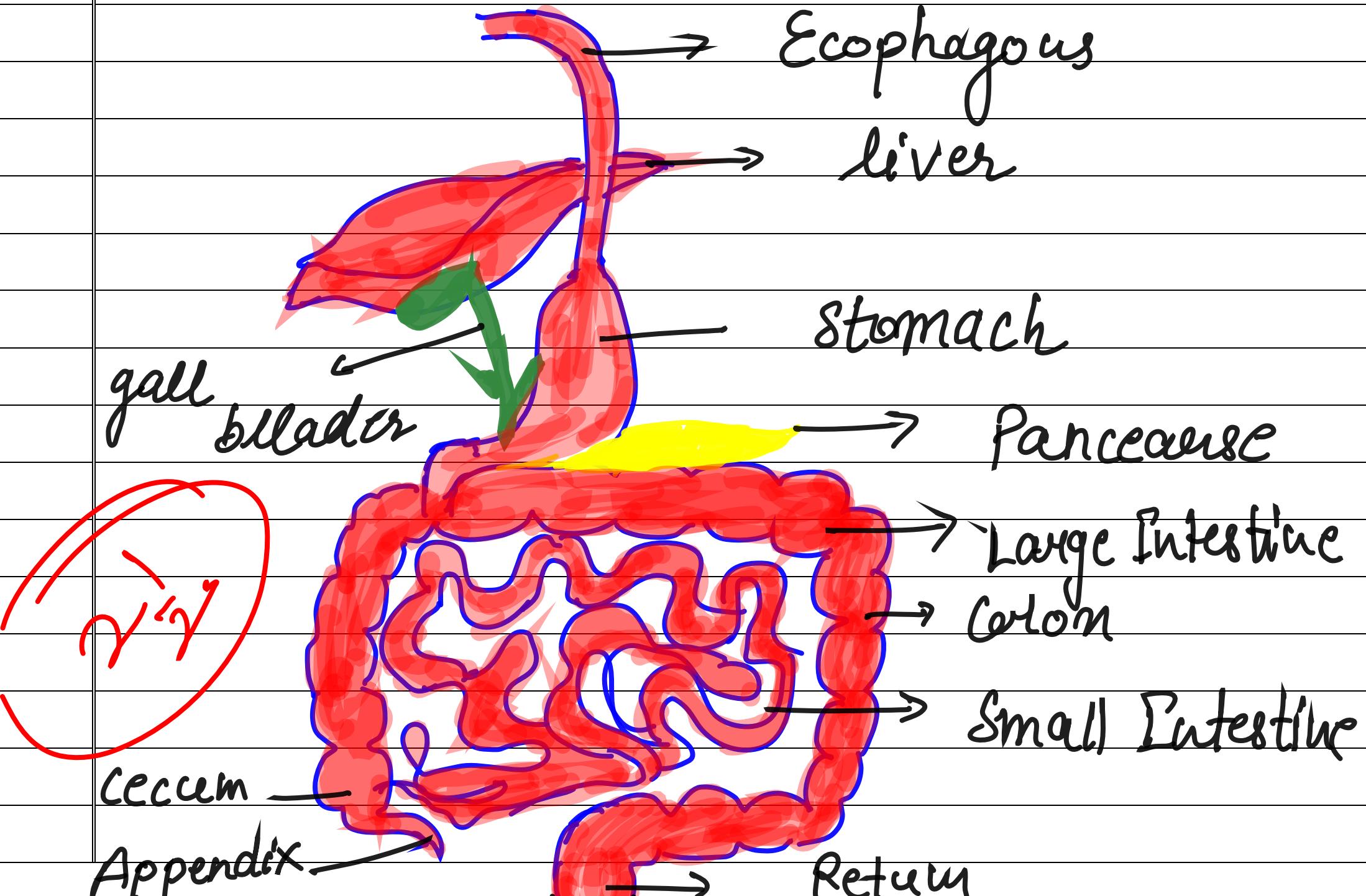
2. **B group** :=> B group are the donar group These are the donate for AB group and self.

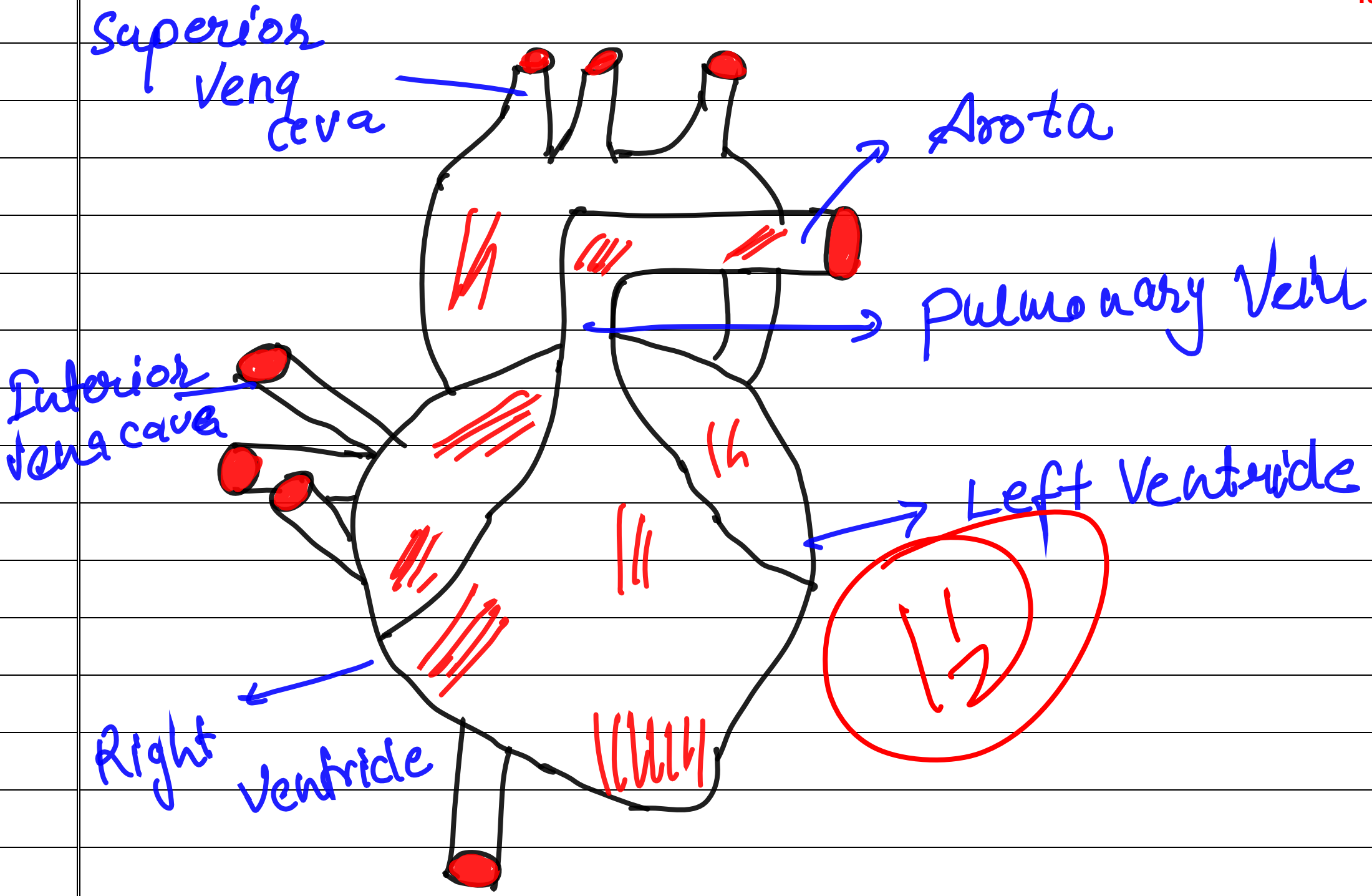
3. **AB :=>** AB group not donate group.

4. **O Group :-** O group are all group donate.

| Group | Antigen | Antibodies | Blood donor | Blood Receiver |
|---|---|---|---|---|
| A | B | A | AB | O |
| B | A | B | AB | O |
| AB | None | A | AB | A, B, O |
| O | A | None | A, B, AB, | None |

# Section → B


Ecophagous
liver
stomach
gall bladder
Panceause
Large Intestine
colon
Small Intestine
cecum
Appendix
Return


Superior Veng cava
Aorta
Pulmonary Vein
Interior vena cava
Left Ventricle
Right Ventricle

# Section => A

**Ans = 2** Two protein hormone :-

1. Follicle - stimulating Hormone.

2. Thyroid - Stimulating Hormone

1

Ans=1 Pineal Gland :→ Pineal gland Vital of the carbody. Pineal gland near the pituitary gland. Pineal gland in the brad.

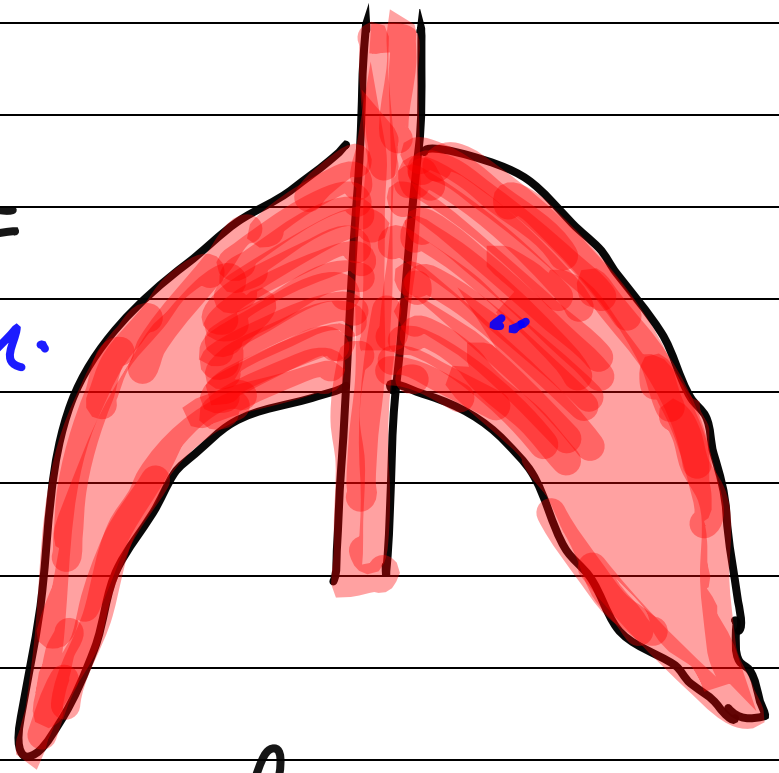
1/2

Ans = 4

# function of liver

Liver is the help of digestion.

1. Liver are the two;
2. function of the liver is the most important. Liver are attached the Ecophagous glands.



liver

liver is the very soft. liver function is the most important work in our body.

Ans:-4 function of Oxytocin :=>

Oxytocin is that types of hormone which stimulate the muscle of uterus and mammary gland for the production of milk during pragency.

# Section = C

Ans = 10

## Thermoregulation

Thermoregulation is the Heat transfer.

meaning temp.

⇒ Thermoregulation is the produced the Mammals (Bird, human, and other mamals)

- When the Cold are our body which is the Heat transfer in Our body.

That is called Thermoregulation.

Thermoregulation are the two types :=>

1. Endothermus

2. Ectothermus

1. Endothermus :- Such as bird and Mammals, use metabolic heat to maintain internal structure. often one different to another environment.

2. Ectothermus :- Such as Snake

Use not metabolic heat to maintain internal structure often one different to another environment.