भाग-1

3322355

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नामांकन संख्या

अनुक्रमांक (अंकों में)

अनुक्रमांक (शब्दों में)

परीक्षार्थी का पूरा नाम Geetapal

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 (Year 20.....) 19-20 भाग/सेमेस्टर (Part / Semester) II sem

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

परीक्षा का दिन (Day of Examination) Saturday दिनांक (Date) 4/9/19

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	1	1	2				—		22
2	1½	2									3½
3	3½	1½									5
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प्राप्तांक

(शब्दों में)	अंकों में

Geeta Pal

जाँचकर्ता के हस्ताक्षर एवं तिथि

परीक्षक के हस्ताक्षर एवं तिथि

2018- भाग-3

चौधरी चरण सिंह विश्वविद्यालय, मेरठ

R

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 Physiology दिनांक 4/9/19

परीक्षार्थी का अनुक्रमांक (Roll Number)

उत्तर-पुस्तिका क्रमांक KM-I-01-

कालेज कोड 0 1 8

(परीक्षार्थी की श्रेणी)

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

नामांकन संख्या (Enrollment Number) M 1 5 5 3 0 8 1 2

पेपर कोड H - 2 0 6 4

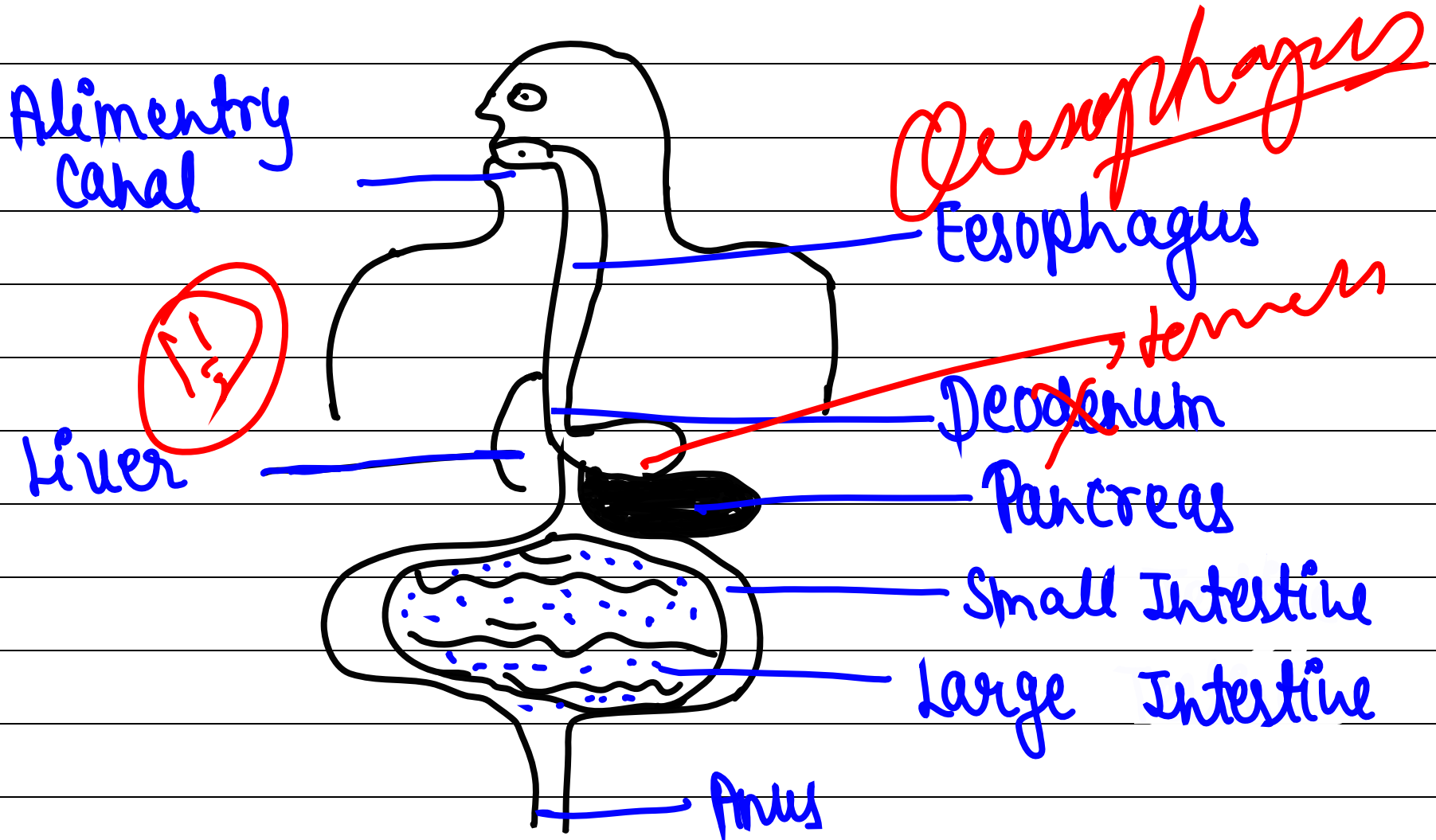
परीक्षार्थी का पूरा नाम Geetapal

कक्ष निरीक्षक का नाम

Section-B

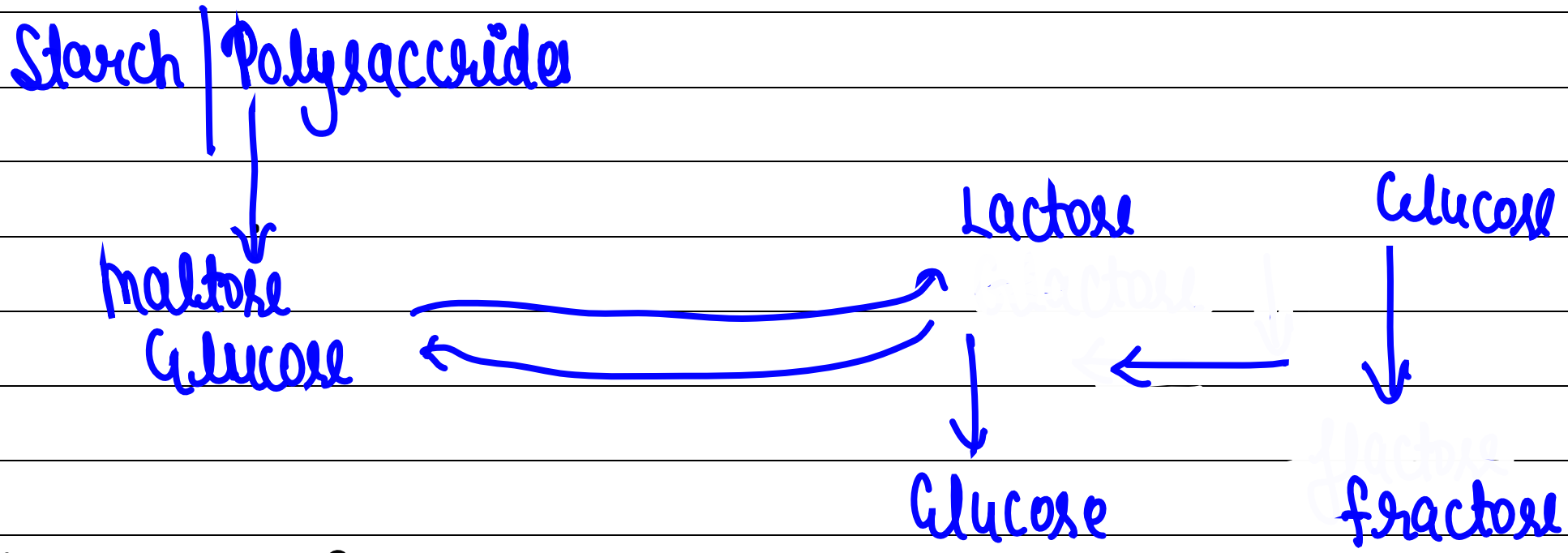
Q7→ Diagram of Digestive system →

Ans→



Q8: Digestion of Carbohydrates:

Ans:



- In Buccal cavity:
- In Deudenum:
- In starch:

- **In Buccal cavity :**

⇒ Buccal cavity is Saliva present in over body and Saliva mixed on the Buccal cavity.

⇒ Saliva is Salivary glands and parts of the skin Intestines.

⇒ Buccal cavity is small Intestine and Large Intest he is present on the glands.

⇒ The mouth parts of the muscous present on the Salivary glands and that is formation of digestive system.

(2) In Deudenum :

⇒ Deudenum is part of the Digestive system and gull bladder present on carbohydrates.

⇒ Deudenum is part of Ilium and small Intestine.

⇒ They are present on cytoplasm.

2

(3) In Starch :

⇒ Starch is a polysaccride and monosaccride food.

⇒ Starch is Amalase protein of starch.

⇒ It is amino acid of Amalase persons that is called starch.

Section-C

Q10 **Blood :**

Ans: It is a specilized of Blood cells.

- Blood is component are plasma, WBCs, RBCs, platlets.
- plasma is present on Blood cells and WBCs and RBCs presence of Blood.
- Blood is Blood group is ABO and RH. ABO is Bloodgroup A, and Blood group B or Blood group AB and O.
- Blood group RH is first described Rhesus is discoved by the Blood.

- **Composition of Blood:**

- Heamoglobin
- phosphorus
- plasma
- WBCs → White Blood cells (Leucocytes)
- RBCs → Red Blood cells (Erythrocytes)
- Platlets → (Throbocytes)

Compare

- **Plasma:**

Blood is part of the plasma cells and most Important part of plasma cells. The plasma are 9% present of women Blood. And the 12% present on men Blood.

- WBCs →
- WBCs is White Blood cells is called Leucocytes
- WBCs is white Blood is men is 45% and 55% mixed Blood.
- It is called Leucocytes.

- RBCs →

- RBCs is full form of (Red Blood cells).
- Red Blood cells is called (Erythrocytes).

- **Platlets :-**

→ Platlets is a part of Blood cells and composition and function is very similar.

→ Platlets is part WBCs, RBCs and plasma protein.

→ It is called Throbocytes.

- **Function of Blood :-**

- **Granules** Granulocyte 3½

→ Neutrophiles

→ Basophiles

→ Meiophiles

Q11 Thermoregulation :-

Ans Summary :

- Introduction
- Types of Thermoregulation
  - (i) Endoderms
  - (ii) Ectoderms
- Components of Endoderms
- " Ectoderms
- function of thermoregulation
- composition of thermoregulation.
- Conclution.

$1\frac{1}{2}$

Section-A

Q2→ two protein hormone →

(1) Thyroxin →
(2) Relaxin →

(1) Thyroxin →

- It is a protein hormones.
- It is thyroid glands

Q4→ Function of oxytoxin →

Ans→ Oxytoxin is that type of hormone which stimulate the muscle of various and memory glands

for the production of milk during pregnancy.

release after $\frac{1}{2}$

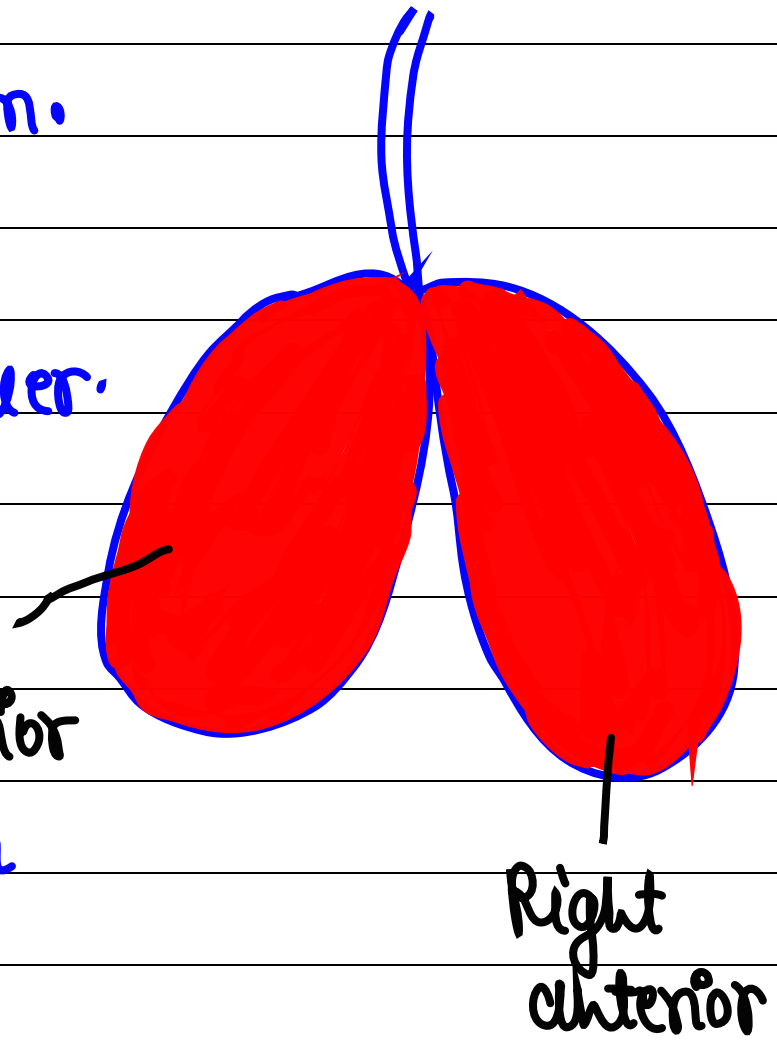
Q1. Pineal Gland :

- Pineal Glands is stimulated pituitary glands hormones and same pituitary glands.
- Secretion is endocrine gland is called hormones.
- The one secretion and more function of glands which are called pineal Glands.

Q5. Structure and function of Liver.

Ans: function of Liver.

- It is a part of digestive system.
- It is Left anterior present of Liver.
- And Right anterior ~~present~~ of liver.
- The Liver are most Important part of mammalian Heart
- The Liver is structure is similar types.



Structure of Liver

Human

Q33 Menstrual cycle	Estrous cycle
(1) Menstrual cycle are present on mammals.	Estrous cycle are present on ~~mammals~~. other posons
(2) And present on Birds	Estrous cycle are present on Birds
(3) It is hormones is secretion with menstrual cycle.	It is a different types of hormones and secretions with estrous cycle.