### Rabindra: Mahavidyalaya

### B.Sc Zoology Sem III Honours Internal Assessment 2022-2023

SEC-1 (Sericulture) (A) (Sericulture) 01= Time:30 min (a) Full marks: 5x(1+1) = 10Answer any 5 questions. WENA 1. (a) Define corpus albicans 1. (a) Name 2 sericulture research centres in India. the Define tissue. (b) What is RKO? 2. (a) What is zone pellucida? (b) Name the 4 types of basic tissues? 2. (a) Write the full form of CSB and CDP. (b) Write the name of 2 mulberry varieties. 3. (c) Differentiate primary follicle and Graffian follicle. (b) Give one characteristic feature of epithelial tissue. 3.(a) What is KSP and NSP? (b) Write one method of coccon storage 4.(a) Write the difference between mulberry and non-mulberry sericulture. 33 835 ft at Ital II (B). L (b) Give 2 functions of epithelial (issue. (b) Define mountage. 5. (a) Define Epididymis? 5. (a) What is maggot? (b)Define voltinism. (b) What is carcinoma? 6. (a) Give one method to control Uzi fly? (b) Write the scientific name of mulberry silkmoth. Helen snorthinimes to notional wirt W (a) & (b) Draw a labeled diagram of squantous epithelium. 7. (a) What is the scientific name of Uzi fly? 7. (a) What is tunion albugined? (b) Draw the life cycle of silkworm.

h. Where is transitional epithelium located?

#### Rabindra Mahavidyalaya Champadanga, Hooghly

B.Sc Zoology Sem III Honours Internal Assessment 2022-2023

CC-6 (Animal Physiology)

Full marks: 5x(1+1) = 10

Time:30 min

Answer any 5 questions.

1. (a) Define corpus albicans.

(b) Define tissue.

Mame 2 sericulture research centres in India.

ONA at InflUt

2. (a) What is zona pellucida?

(b) Name the 4 types of basic tissues?

1) Write the full form of CSB and CDP Write the name of 2 motherty variaties.

3. (a) Differentiate primary follicle and Graffian follicle.

(b) Give one characteristic feature of epithelial tissue.

a) What is KSP and NSP?

5) Write one method of coccen storage

4.(a) What is theca cells? theirse ynadhun-non bus ynadhun account constitut ad othi W is (b) Give 2 functions of epithelial tissue. or Define mountage.

5. (a) Define Epididymis?

(b) What is carcinoma?

(a) What is maggor? the Define voltinism.

(a) Give one method to control Uzi fly?

6. (a) Write function of seminiferous tubule. Totallis grandland to satura offitionies and offit (d)

(b) Draw a labeled diagram of squamous epithelium.

(a) What is the scientific name of Uzi fly?

7. (a) What is tunica albuginea?

(b) Where is transitional epithelium located?

the Draw the life excle of silknorm.

## Rabindra Mahavidyalaya

## B.Sc Zoology Sem III Honours Internal Assessment 2022-2023

CC-5 (Chordates) \[ - \]

Time:30 min Putt comks: Sx(1:1) =10 Full marks: 5x(1+1) = 10Time:30 min Answer any 5 questions. Answer any 5 questions, whodolg but sweedly one said! (4) .! (b) Name an aldose sugar. 1. (a) What is parental care? (b) Write systematic position of Ascidia sp. (a) What is bets turn or beta loop? (b) Name one pentose sugar. 2. (a) Name different types of parental care in amphibians. (b) Write the function of Mullar's organ 3. (c) What are heterocyclic amino acids? (b) What is chiral carbon? 3. (a) Give scientific name of an amphibian that can build a nest. (b) Who are known as Tunicate? Hair beated is beated what some is torned with Hencology is the work of the beated with the second of the beated of the beate 4.(a) How do you classify Amphibia? bias onion grinismou mildies to solgrees 2 and (a) & (b) Write any 2 important features of subphylum Cephalochordata. Indian a grown to a left of the control of the 5. (a) Give scientific name of midwife toad. Why is it called so? s. (a) What is macropeptide? (b) Write systematic position of Myxine sp.

(b) For Lowey's method, what are the component or a common of the property of the component of th

7. (a) Give one example (scientific name) of each living order of class Amphibia.

6. (a) Mention 2 salient features of class Amphibia. Ig you represent the sequence of class of the class of t

(b) What is myosepta?

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B.Sc Zoology Sem III Honours Internal Assessment 2022-2023

	CC-7 (Biochemistry)	
Full marks: 5x(1+1) =10		Time:30 min
Time:30 min	Answer any 5 questions.	marks: 53(1+1)=10
<ul><li>1. (a) Name one fibrous</li><li>(b) Name an aldose so</li></ul>	and globular proteinap & you newent.	a) What is perental care?
2. (a) What is beta turn (b) Name one pentose	or beta loop?	b) Write systematic position
3. (a) What are heterocy (b) What is chiral car	velic amino acids? negro 2 23	a) Nume different types of po (b)Write the function of Mull
4.(a) Which chemical gr (b) What colour is for	roups are involved in the formation of period when glucose is heated with Bene	peptide bonds? (a) dict's solution?
5. (a) Give 2 examples (b) For Lowry's meth	of sulphur containing amino acids.	(a) How do you classify Ampl (b)Write any 2 impurtant.kno
6. (a) What is macropep (b) For Lowry's meth	otide? Soz bolleo it si vilW beor of white od, what are the components of solution	a lo same ollinoise svid (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d
7. (a) Give the example (b) Why fructose can	of one secretory glycoprotein and one form furan and glucose can form pyran	plasma glycoprotein. mal/( (a) . niring?) noisead eds alis//(d)

". (a) Give one example (scientific name) of each fiving order of class Amphibia.

(b) What is my rsepta?

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#### B.Sc Zoology Sem III General Internal Assessment 2022-2023

#### GE/CC-3 (Physiology and Biochemistry)

Full marks: 5x(1+1) = 10

Time:30 min

Answer any 5 questions.

- 1. (a) What is resting membrane potential?
  - (b) Name an aldose sugar.
- 2. (a) Define Schwann cell.
  - (b)Name one pentose sugar.
- 3. (a) Write function of Troponin.
  - (b) What is chiral carbon?
- 4.(a) Write the role of calcium ion in muscle contraction.
  - (b) What colour is formed when glucose is heated with Benedict solution?
- 5. (a) What is graded potential?
  - (b) For Lowry's method, what are the components of solution 1?
- 6. (a) Differentiate between Actin and Myosin.
  - (b) For Lowry's method, what are the components of solution 2?
- 7. (a) Define Sarcomere.
  - (b) Why fructose can form furan and glucose can form pyran ring?