

B.L.D.E. Association's  
S. B. Arts & K.C.P. Science College,  
VIJAYAPUR- 586 103.



## ASSIGNMENT

For B.A./ B.Sc. 1<sup>st</sup> Semester  
2019 - 2020

Name of the Student Pooja . P. Maganagere

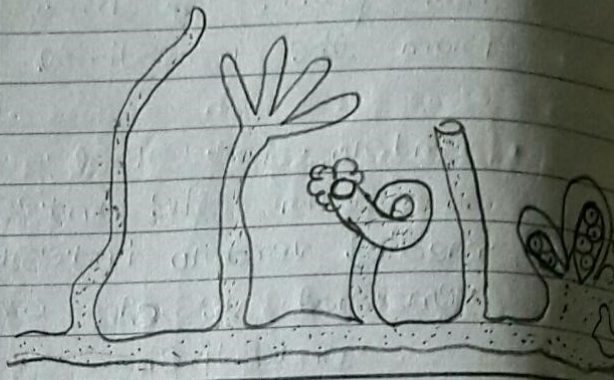
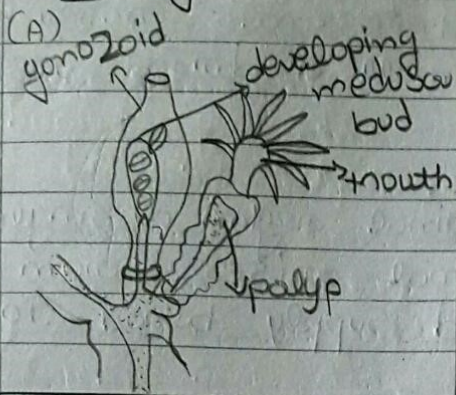
Roll No. 139 R.C.U. Seat No. \_\_\_\_\_

Subject ZOOLOGY

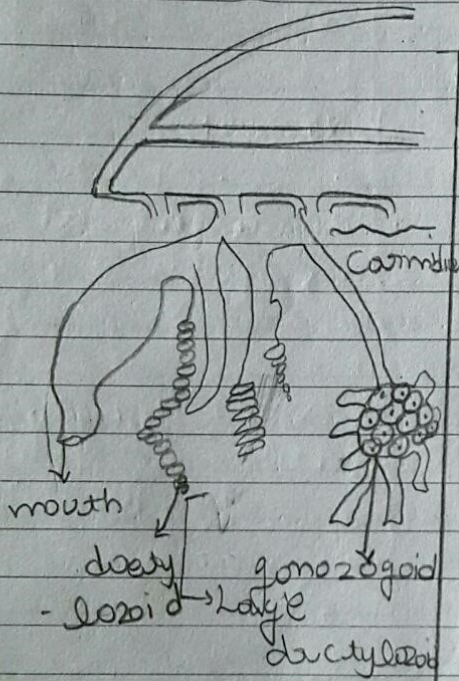
Assignment No.	Date	Marks Assigned	Marks Obtained	Name and Signature of Teacher	Remarks
1	4/10/19	3	3		
2					
3					
4					

Polymorphism in Coelenterata:

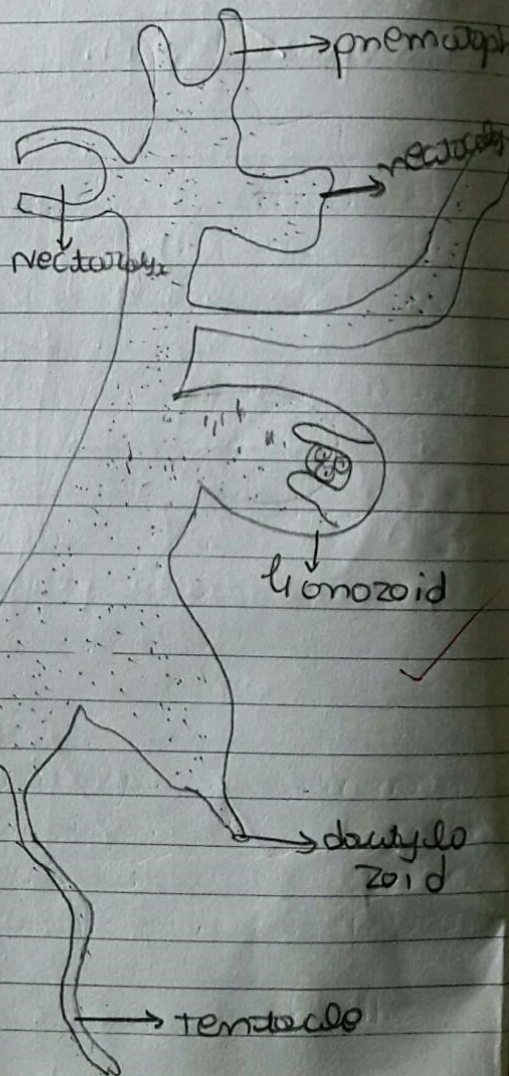
Diagrams:



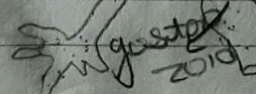
(C) Physalia showing single Coelenteron



(D) Diphonophora showing single Coelenteron



Long Stem with series of zooids



B.L.D.E. Association's

S. B. Arts & K.C.P. Science College,  
VIJAYAPUR- 586 103.



## ASSIGNMENT

For B.A./ B.Sc. III Semester  
2019 - 2020.

Name of the Student Pani, S. T. Prasad

Roll No. 506 R.C.U. Seat No. 51824965

Subject Zoology

Assignment No.	Date	Marks Assigned	Marks Obtained	Name and Signature of Teacher	Remarks
1	25/9/19	03	02		
2					
3					
4					

Date  
20/08/2019

## ZOOLOGY ASSIGNMENT

### DEVELOPMENT OF FROG UPTO GASTRULATION.

#### Egg of Frog

- The egg of frog is spherical in shape. It is about 2mm in diameter.
- It is surrounded by three egg membrane, namely the inner plasma membrane, middle vitelline membrane and outer jelly coat.
- The jelly coat have 3 layers. The substance of jelly coat is formed by albumin and that of vitelline membrane is formed of mucopolysaccharide.
- The egg have a well marked polarity. One side of the egg is called animal pole and the opposite side is called vegetal pole.
- One half of the egg is pigmented like called animal hemisphere & the remaining is almost white.
- The nucleus and polar bodies are present at the animal pole.
- As the egg contain large amount of yolk, it is called as macrolethical egg.
- As the yolk platelets are highly concentrated at one pole so the egg is said to be telolecithal.
- The shell is absent. Hence it is a non-deciduous egg.
- Between two poles a crescentic less pigmented region is present which is called grey crescent.

#### CLEAVAGE:

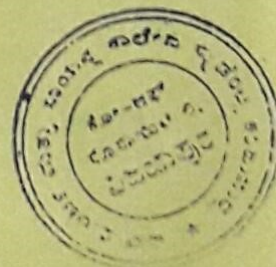
Cleavage is the repeated rapid division of cells by the process of mitosis that results into many cellular unit called blastomeres.

In frog, the entire egg divides and hence the cleavage is called total or holoblastic.

The blastomeres are dissimilar in size and so the cleavage is unequal.

B.L.D.E. Association's

**S. B. Arts & K.C.P. Science College,  
VIJAYAPUR- 586 103.**



## ASSIGNMENT

For ~~B.A.~~ / B.Sc. <sup>III<sup>rd</sup></sup> Semester  
2019 - 2020

Name of the Student NPKita. D. Kanase

Roll No. 486 R.C.U. Seat No. 51824862

Subject Zoology.

Assignment No.	Date	Marks Assigned	Marks Obtained	Name and Signature of Teacher	Remarks
1	25/9/20	03	02		
2					
3					
4					