

BIO101 ALL CURRENT FINAL TERM

BIO101

Basic Biology

Final term

Q1: what is agar?

Q2: adaptations of arthropods?

Q3: what is additive effect?

Q4: reproductive organs of flower?

Q5: mitosis?

Q6: melittin and its use?

Q7: how gene transfer takes place in bacteria?

BIO101 - Basic I-Biology current papers

Paper:1

BIO101.....10:30am

Q 1: define hotspot specie?

Q 2: what is difference between niche and habitat?

Q 3: What is torpor ?give an example?

Q 4: how animals survive in hot and cold environment?

Q 5: what are major components of ecology?

Q 6 what are aquatic producers?

Paper :2

Define population diversity.

What is torpor with example

Define intrinsic environmental growth ..Biological factors.

How to organisms survive in cold n warm weather? ?

Explain marine water?

Paper : 3

1: species hotspot.

2: diff between keystone species and foundation species.

3: indicator species.

4: term ecology

5: atmosphere nd role in ecosystem.

6: 3 zones of rivers.

What are gymnosperms? Give one example. 2 Marks

How recombinant DNA is made? Enlist the steps. 2 Marks

Give flower formula? 2 Marks

What is the Difference between promoters and termination sequence? 2 Marks

What was Mendel's finding? 3 Marks

Enlist steps for transgenic for making transgenic plant? 3 Marks

What are parasites? Give examples. 3 Marks

Explain atrioventricular, tricuspid **valve**, bicuspid **valve of heart**? 3 Marks

Explanation about: 5 Marks

- Mitochondria
- Plastids
- Ribosomes

Label the diagram of cotyledon seed. 5 Marks

What is the life cycle of drug? 5 Marks

What is the procedure for making transgenic plant? 5 Mark

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