

BIOLOGY IAT 2022 PAPER ANALYSIS

Chapter (topics)	Number of questions	Type of question	Prediction	Type of prediction
Animal tissues (connective tissue)	1	Fact based(easy)		
Reproduction(menstrual cycle)	1	Conceptual (easy)	Prediction	Discussed in class
Photosynthesis(action and absorption spectrum)	1	Conceptual(moderate)	Prediction	discussed in class
Cell cycle and cell division(chromosome structure at particular phase of cell cycle)	2	1 conceptual + 1 fact based(moderate)	Prediction	Indirectly discussed
Ecosystem(10% law)	1	Conceptual (easy)	Prediction	mock test
Plant diversity(characteristics of phylums)	1	Fact based(moderate)	Prediction	mock test
Circulation in humans(Blood vessels)	1	Fact based(moderate)		discussed in classed
Organisms and Population(logistic growth)	1	Conceptual(moderate)	Prediction	mock test
Biotechnology (plasmid and Restriction enzyme)	1	Conceptual(moderate to tough)	Prediction	mock test

Genetics(pedigree)	1	Conceptual(moderate)	Prediction	mock test
Locomotion and movement(skeletal joints)	1	Fact based (easy)		discussed in class
Molecular biology (Replication fork)	1	Conceptual(moderate)	Prediction	discussed in class
Neural control and coordination(mechanism of hearing)	1	Conceptual (moderate)	Prediction	discussed on the day before exam
Plant growth and development (functions of hormones)	1	Conceptual (easy)		discussed in class

1. The paper covered nearly every part of the syllabus. At Least one question was asked from every unit of the syllabus.
2. The level of paper was a bit tough when compared with previous IAT exams.
3. Paper consisted of both fact based and conceptual questions.
4. Portion of 11th class was more than 12th standard.
5. Many questions were asked from the important chapters that we predicted.
It is seen that the conceptual questions that were asked in IAT 2022 were predicted to be important by us.
The chapters include - Biotechnology, molecular biology, genetics, ecology and plant physiology. The number of questions asked from these chapters were 7, and most of them were conceptual.
6. Questions were asked from the important topics that we predicted like 10% law, population growth, recombinant DNA technology, characteristics of different algal families, pedigree analysis.
7. One question regarding the mechanisms of hearing was asked that was discussed a day before the IAT2022 exam.