

## NEST 2022 PAPER ANALYSIS

### SESSION 1

CHAPTER	NUMBER OF QUESTIONS	TYPE OF QUESTIONS	PREDICTION	TYPE OF PREDICTION
Circulation	1	conceptual	predicted	classroom discussion
spectrophotometry	1	conceptual		discussed in the class
cell division	1	conceptual	predicted	mock test
Biological classification	1	factual	predicted	discussed mock
Molecular biology	1	conceptual	predicted	discussed in class + pyq discussion
Ecosystem	1	fact based	predicted	mock test + pyq discussion
Phylogenetic tree(Diversity in animals)	1	conceptual	predicted	mock test + pyq + classroom discussion
Enzyme catalysis	1	conceptual		topic discussed in the class
Evolution	1	conceptual	predicted	discussed in class + mock test
Phytohormones	1	fact based	predicted	mock test + classroom discussion
Photosynthesis	1	conceptual	predicted	classroom discussion + mock
Evolution(Hardy weinberg principle)	1	conceptual	predicted	mock test + classroom discussion
Evolution(Selection)	1	conceptual	predicted	discussed in class + mock
Genetics	1	conceptual	predicted	mock tests
Breathing and	1	fact based	predicted	classroom

exchange of gases				discussion
Recombinant DNA technology	1	conceptual	predicted	classroom discussion
Genetics/ pedigree analysis	1	conceptual	predicted	mocks/pyq/classroom discussion

## SESSION 2

CHAPTER/ TOPIC	NUMBER OF QUESTION	TYPE OF QUESTION	PREDICTION	TYPE OF PREDICTION
Neural system	1	factual	predicted	classroom discussion
Cell biology	1	conceptual	predicted	mock/pyq/classroom discussion
Molecular biology	1	conceptual	predicted	mock/classroom discussion
Genetics	1	conceptual	predicted	classroom discussion
Biotechnology	1	conceptual	predicted	classroom discussion
Pedigree	1	conceptual	predicted	mock/pyq/classroom discussion
Plant growth and development	1	conceptual	predicted	classroom discussion
Photosynthesis	1	factual	predicted	classroom discussion
Organism and Population	1	conceptual	predicted	mock test/classroom discussion
Adaptation	1	conceptual	-	-
Evolution	1	conceptual	predicted	mock

				test/classroom discussion
Hardy-weinberg principle	1	conceptual	predicted	mock test/classroom discussion
Ecology	1	conceptual	predicted	classroom discussion
Genetics	1	conceptual	predicted	mock test/classroom discussion
Ecosystem	1	conceptual	predicted	mock test/classroom discussion
Biotechnology	1	conceptual	predicted	classroom discussion/pyq
Animal diversity	1	conceptual	predicted	mock/pyq/classroom discussion

1. Most of the questions were conceptual in nature, and required a deep understanding of the topic.
2. Many questions involved the integration of two topics in order to reach correct answer
3. Most of the topics from where the questions were asked were discussed in classroom sessions and mock test papers.
4. Some of the questions were asked from concepts similar to PYQ. It implies that students should be thorough with all the previously asked questions in the NEST exam.
5. Some questions that were asked were discussed just before the day of exam.
6. Paper analysis reveals that the conceptual topics are the most important ones to cover. The important topics for the nest will be genetics, molecular biology, ecology and evolution, plant physiology.
7. At Least one question from each shift was asked that was out of box, and requires knowledge behind ncert also.
8. Questions seemed to be lengthy and tough. But can be easily solved by inquisitive reading.
9. Almost all the questions were doable if a student had attended all the lectures and attempted all the mock test papers along with pyq.