

ISC YEAR 2018 – CLASS XI

BIOLOGY

GUIDELINES FOR TEXT BASED ASSESSMENT (T.B.A.)

OBJECTIVE:

Main objective of introducing Text Based Assessment (TBA) is to relieve students from the burden of rote learning of content and to encourage a deeper understanding of concepts learnt by processing and analyzing the information and understanding its application in different situations.

MATERIAL FOR TBA:

- The concerned subject teachers are expected to prepare their own text material for assessment which should be **theme based and as per the unit specified in the syllabus**.
- Text material can be set from online articles, magazines, newspapers, websites or a combination of many resources, always keeping in mind theme and unit as specified in the syllabus.
- The Text material should not be taken from text books/ reference books already being used by students.
- The teachers must ensure that students read and discuss the material, understand the various concepts involved along with their application in different situations.
- Teachers should guide the students, provide feedback and encourage open responses in solving situations.
- The text material can be discussed with students in groups in advance.

QUESTIONS TO BE SET FOR TBA:

- The questions set should not be based directly on the text material.
- The questions should be open-ended, so as to give students the opportunity to express their point of view.
- The questions should test the student's ability to analyze, interpret and apply the concepts learnt in the Unit.
- Two or three questions totaling to 10 Marks may be set.

ASSESSMENT:

- Teachers must mark the students on whether the student is able to present his/her arguments logically and coherently.
- Credit must be given for relevance of content, analysis, logical presentation of arguments and the conclusions drawn.
- The criteria for marking can be discussed with students in advance.

NOTE: Text Based Assessment of 10 Marks should form a part of the Theory Paper of Class XI.

SUGGESTED AREAS FOR PREPARING MATERIAL FOR TEXT-BASED ASSESSMENT FOR THE UNIT BIOLOGICAL CLASSIFICATION

1. Development of antibiotic resistance in bacteria
2. Archaeobacteria: Future source of energy
3. Science and History of Penicillin
4. Only Five Kingdoms! Not enough!! We need more!
5. Mycotoxins
6. Fungi in Folklore
7. Algae: Second Generation Biofuel

NOTE: The above is only a suggested list. Teachers can prepare text based material on any other topic based on the Unit specified for Text Based Assessment in the syllabus.