

Guidelines for Project-Based Assessment in Environment Education at Higher Secondary Level From Academic Year 2013-14 onwards

The pattern of assessment is as follows:

Assessment of core components (Internal)	10 marks at Class XI
Selection and development of proposals (Internal)	10 marks at Class XI
Project work, Report (Guide + Another Teacher)	20 marks at Class XII
Viva-Voce based on the report (Guide + Another Teacher)	10 marks at Class XII
TOTAL	50 Marks

DETAILS OF ASSESSMENT

Assessment of the Core Components

Each class will be divided into seven groups and each group will be assigned one topic for presentation. The group, which presents the seminar paper, will be assessed for 4 marks, whereas the other groups for their interactions for 1 mark each. Accordingly each group will be assessed for 4 marks for the presentation and 1 mark each for interacting in the other six seminars, totalling to 10 marks.

Selection and Development of Project Proposals

Every group will select a project which has some local relevance. The design of the project proposal in the form of project may include the following. The suggested assessment value is marked in parentheses.

- a) *Objective and hypothesis*: Based on any one of the routes adopted, the objectives of the study should be specified. (02)
- b) *Rationale*: This should give the need and justification of selection of the project. (02)
- c) *Methodology*: It should include different routes that will be followed to handle the project. (02)
- d) *Development of tools*: Relevant tools which may be an interview schedule, a questionnaire, a format for collecting information, a format for recording observations etc., should be finalised prior to the execution of the project. (02)

e) Calendar of activities: Time schedule for different activities to be undertaken during the course of the project work should be drawn. (02)

* Testing of the tools: The tools should be finalised prior to its execution by actual testing.

Assessment values for selection and development of project proposals as mentioned above will be evaluated during Class XI.

Project Work and Project Report

Each group will be under a teacher facilitator(guide) who will closely associate with the progress of the project. The teacher may keep a record of the gradual progress. The teacher will help redesign, reformulation of the tools, etc., if need be and help students to complete the project. The teacher will help in the distribution of the work and will guide appropriately for the writing of the project report (15 marks).

Writing of Report

On completion of the project work each student will develop a project report (combined with the report already evaluated in Class XI) in consultation with the teacher guide giving the details of the working procedure, the data or information collected, the analysis of the data and conclusion. In the group project, therefore, each student will submit report of the work that is done by her/him. The group will utilise the set of reports thus developed to produce the final report. This report will be assessed by the guide along with another teacher (5 marks).

Viva-Voce on Project Report

The complete report will elaborate on the selection and development of the project proposal as first part, and strategies and details of work as the second part. The guide along with another teacher will evaluate the project work based on the complete report through a formal viva-voce lasting not more than 10 minutes each (10 marks).

The marks are to be converted to grades and sent to the Board along with the grades of all School Assessment Subjects in class XII.

For more details on selection of Projects: Refer to Goa Board's Website: gbshse.gov.in under Environment Education.