

IGNOU
School of Science

**Sub: Proposal for the Alternative Assessment Method of Lab courses
of B.Sc. considering Covid 19 crisis**

This has the reference to the meeting of the Programme Coordinators of lab based programmes with Hon,ble Vice Chancellor dated 2nd September 2020 for executing alternative assessment strategies for the Lab based courses without compromising academic standards. For the B.Sc. programme (old scheme), the School of Science proposes following alternative assessment methods for the evaluation of the Lab courses:

- It is proposed to hold written examination for the lab courses in place of existing assessment method. The examination will be conducted at existing B.Sc. Study Centres/ selected Exam Centres/RCS under supervision of the Regional Centre concerned.
- The probable dates of the examinations are 20th and 22nd October, 2020.
- It is proposed to have one question paper for each Lab Course. The students will write their answers on the question paper itself and upon completion, hand it over to the invigilator.
- Question paper of a 4- credit course has 25 objective type or short answer questions. Student has to answer any 20 questions. Each question will be of 2½ marks. Similarly, for 2-credit course has 15 questions in the question paper and student has to answer any 10 questions. The maximum marks for 4-credit and 2-credit courses are assigned 50 and 25, respectively.
- The question papers and keys will be prepared and moderated by internal faculty members or by the external experts, if needed.
- SED would manage printing and distribution of question papers.
- Evaluation work will be carried out by the approved counsellors on payment basis as per the existing university norms and will be managed by the SED/RC concerned. If required, Faculty can assist.
- The RSD will provide necessary support for the Identification of exam centre, invigilators and evaluators.

- This proposal is applicable for the final year students who are eligible for the September 2020 Examination. This proposal may also be also applicable for the final year learners who will be registered for December Examination 2020, if Covid situation is continued.

As per data provided by the SED for the eligible learners, the total number of learners who are going to appear in the lab examination of this Session is 3412 and total lab courses for which examinations are scheduled are 15 (Annexure A).

The School has already shared and discussed this proposal with the Director, RSD and the Registrar, SED and they have agreed to provide full support for the conduct of the Lab examinations. The school has also prepared guidelines for both these divisions for the smooth conduct of examination of B.Sc. Lab Courses (Annexure B).

Submitted for kind consideration and approval.

(Director) SOS

Guide lines for the Conduct of Lab Examination

For the smooth conduct of the Lab Examination, the School of Sciences proposes following guidelines for both the SED and RSD:

1. As per data provided by the SED for the eligible learners, the total number of learners who are going to appear in the lab examination of this Session is 3412 and total lab courses for which examinations are scheduled are 14. The details of Lab courses are given below:
Physics Discipline: BPHL 103 (4 Cr.); PHE 8(L) (4 Cr.); PHE 12(L) (4 Cr.).
Life Science Discipline: LSE 4(L) (4 Cr.); LSE 8(L), (4 Cr.); LSE 11(L) (4 Cr.); LSE 12(L) (4 Cr.).
Chemistry Discipline: CHE 3(L) (2 Cr.); CHE 7(L) (2 Cr.); CHE 8(L) (2 Cr.); CHE 11(L) (4 Cr.); CHE 12(L) (4 Cr.).
2. Examinations for Physics and Life Sciences Lab Courses will be conducted on 20th October, 2020 in two sessions (Examination of Life Sciences Labs in Morning Session and Physics in afternoon sessions) and for Chemistry lab courses will be conducted on 22nd October, 2020 in morning sessions.
3. The RSD will identify the examination centers for labs listed above on the basis of the number of eligible learners. The RSD will also inform the eligible learners well in advance for the schedule of Examination and venue of examination centre. Data of eligible learners will be provided by SED. Invigilators and evaluators will be identified from the approved lab counsellors. To facilitate the evaluation process answer key will be provided to the evaluators by the School of Sciences. On completion of evaluation process, evaluator should submit award lists along with answer scripts and to the Regional Directors concern.
4. There will be separate question papers for each course. The time given to answer a 4 Credits course is 1 Hr. and for a 2 Credits course is ½ Hr. A gap of 15 minutes should be kept between any two examinations.
5. School of Sciences will provide CRCs of question paper and answer keys. Students will write their answers on the question paper itself. For this appropriate space will be provided for the writing answers in the question itself. The SED may decide whether the question paper should be printed or photocopied as per the data.