

first five-yearly assessment of all eligible scientists of the Service. So far, the Board have recommended promotion of about 450 scientists and are considering the case of several hundred more scientists. The assessment is being done through Committees of eminent scientists belonging to various disciplines. Emphasis in the assessment is being laid on the contributions and achievements of the individual in relation to the requirements of the job and the duties assigned to the post for which he was recruited. The documents which are taken into consideration while making the assessment are—

(i) Five-year Assessment proforma filled by the concerned scientists and reviewed by the senior scientist under whom he worked;

(ii) Research Project File maintained by the scientist;

(iii) Bio-data and career information of the scientists; and

(iv) Confidential Character Rolls for the past five years.

Opportunity is also given to the scientist to appear before the Assessment Committee for a personal discussion if he so desires. The discussion is not of a routine or formal type of interview to judge the theoretical knowledge and academic calibre of tunity to him to project his work but is intended to provide an opportunity to the scientist, and achievements during the period under assessment as well as to clarify and elaborate any specific aspect of his work.

Increase in number of Seats in Engineering College in Maharashtra

*412. DR. VASANT KUMAR PANDIT: Will the Minister of EDUCATION, SOCIAL WELFARE AND CULTURE be pleased to state:

(a) whether there is a big increase in the number of students passing

Inter Science and XII standard. Exams. in Maharashtra during 1977-78;

(b) whether the sanctioned strength of seats in Engineering Colleges of Maharashtra is insufficient to accommodate the increased demand; and

(c) what decision Government have taken on the proposal by the Maharashtra State Government to increase the number of seats in Engineering Colleges?

THE MINISTER OF EDUCATION, SOCIAL WELFARE AND CULTURE (DR. PRATAP CHANDRA CHUNDER): (a) and (b). Yes, Sir.

(c) The matter was discussed with the State Government to whom certain suggestions were made. In the light of these discussions, the State Government is working out the details of increasing the intake for this year.

Crop Rotation

*413. SHRI K. LAKKAPPA: Will the Minister of AGRICULTURE AND IRRIGATION be pleased to state:

(a) whether Scientists of Haryana Agricultural University are of the view that continuous crop rotation impairs the soil fertility if balanced fertilisation is not done; and

(b) if so, facts thereof?

THE MINISTER OF AGRICULTURE AND IRRIGATION (SHRI SURJIT SINGH BARNALA): (a) Yes, Sir.

(b) In the trials conducted by the Scientists of Haryana Agricultural University, in plots which received Nitrogen and Potassium only, wheat grain yield continued to show a downward trend, from 29.3 q per ha in 1971-72 to 13.4 q per ha in 1975-76. In plots which received the three major nutrients namely Nitrogen, Potassium and Phosphorus, the yields were above 32.3 q/ha. So also application of Zinc sulphate at 25 Kg per ha, in