

component and capital equipment has been reduced. For component industry, the duty or raw material, parts & semi-finished goods have been rationalised.

- k) The import policy has been rationalised with a view to increasing production.
- l) Government is promoting appropriate applications of electronics to improve productivity, equality, safety and quality of services.
- m) Various project have been initiated by the Technology Development Council, National Radar Council, National Micro-electronics Council and Electronic Materials Development Council (EMDC) with a view to promote innovation, product design and development and technology development which are all basic for the growth of a healthy electronics industry
- n) Various research centres and laboratories such as the Society for Applied Microwave Electronics Engineering and Research, National Centre for Software Technology, Centre for Development of Telematics, Centre for Development of Advanced Computing Technology, Centre for Materials for Electronics Technology (CMET) for Development of Material and several Electronics Research and Development Centres have been setup to carry out R & D in well identified areas, which is also a measure for development self reliant industrial base.

### **Industrial Units Causing Pollution in Andhra Pradesh**

8608. SHRI B.N. REDDY: Will the Minister of ENVIRONMENT AND FORESTS be pleased to state:

(a) the number of cases of air and water pollution by industrial units in Andhra Pradesh which have come to the notice of Government during the last two years; and

(b) the steps taken by Government in this regard?

THE MINISTER OF ENVIRONMENT AND FORESTS (SHRI NILAMANI ROUTRAY): (a) During the last two years the Andhra Pradesh Pollution Control Board has identified 120 major polluting industrial units.

(b) Notices under Section 5 of the Environment (Protection) Act, 1986 have been issued against all the the 120 industrial units. Out of these directions for closure have been issued to 56 industrial units.

### **Polluted Ground Water**

8609. SHRI B.N. REDDY: Will the Minister of ENVIRONMENT AND FORESTS be pleased to state:

(a) whether any study has been conducted by the Centre of Science and Environment, Delhi to find out the number of villages in the country where villagers have been adversely affected by the polluted ground water; and

(b) if so, the details thereof?

THE MINISTER OF ENVIRONMENT AND FORESTS (SHRI NILAMANI ROUTRAY): (a) A preliminary study financed by the Union Ministry of Environment & Forests has been undertaken by the Centre

for Science and Environment, Delhi on "Bichhri : A village in crisis: A case study of ground water pollution".

(b) The main objectives of the study are:

- i) to study the extent and seriousness of the pollution of wells in the area;
- ii) to predict the likely spread of pollution, and
- iii) to study the likely effects and implications of this pollution.

Two surveys have so far been carried out. According to the preliminary findings, the ground water of the region has been found to be affected as a result of discharge of effluent from some industries located in Bichhri.

#### **Hydel Projects of Kerala**

8610. SHRI MULLAPPALLY RAMACHANDRAN: Will the Minister of ENVIRONMENT AND FORESTS be pleased to state:

(a) whether Union Government have instructed the Kerala Government to submit revised proposal for Pooyamkutty, Karappara and Kuriarkutti hydel projects;

(b) if so, the reasons for calling for the revised proposals

(c) whether any on-the-spot study has been made by the Ministry of Environment & Forests on any of these projects; and

(d) if so, details of findings with regard to possible effects on environment in each of these cases?

**THE MINISTER OF ENVIRONMENT AND FORESTS (SHRI NILAMANI**

ROUTRAY): (a) and (b). Karappara Kuriarkutti hydel project submitted in 1979 was rejected due to its adverse environmental impacts. The State authorities subsequently agreed in 1989 to modify the proposal by incorporating the suggestions of an Expert Group constituted to study the water and energy needs of Palghat region. No revision in the Pooyamkutty project has been suggested.

(c) and (d). Yes, Sir.

A report prepared on Karappara Kuriarkutti project in 1982 showed that it will involve destruction of tropical rain forest and have adverse impact on the Parambikulam sanctuary. Pooyamkutty project study shows that it will adversely affect the economy as well as the environment in the region.

[ *Translation* ]

#### **Examination in CBSE**

8611. SHRI RAMJILAL SUMAN: Will the PRIME MINISTER be pleased to state:

(a) whether the students of 10th class studying in Secondary Schools under Central Board of Secondary Education have to qualify all the three science subjects separately for getting through in the examination;

(b) if so, whether Government propose to change the existing system; and

(c) if not, reasons therefor?

**THE MINISTER OF STATE IN THE MINISTRY OF HUMAN RESOURCE DEVELOPMENT (SHRI CHIMANBHAI MEHTA):** (a) to (c). Under both the old and new CBSE schemes for examinations in Science, students taking the 10th class examination do not have to qualify in all the three Science subjects separately for passing the examination.