

**Schedule Tribes**

Indications of primitive traits, distinctive culture, geographical isolation, shyness of contact with the community at large and backwardness.

The communities fulfilling the above criteria have been included in the list of Scheduled Castes and Scheduled Tribes.

(b) Question does not arise.

(c) to (e). As the specification of Scheduled Castes and Scheduled Tribes is done while keeping in view the criteria given in (a) above, there is no need to conduct any such socio-economic study.

**Research Work in Industrial Sector**

4231. SHRI V. S. VIJAYARAGHAVAN : Will the PRIME MINISTER be pleased to state :

(a) whether any worthwhile research work is being done by the industrial sector in respect of technological innovation;

(b) if so, the amount spent under this head by the private sector and public sector annually;

(c) to what extent the industrial sector has been benefited by the research; and

(d) whether Government have laid down any policy with regard to the industrial research and if so, the details thereof ?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY AND IN THE DEPARTMENTS OF OCEAN DEVELOPMENT, ATOMIC ENERGY, SPACE AND ELECTRONICS (SHRI SHIVRAJ V. PATIL) : (a) and (b). Yes, Sir.

Government have a scheme of recognising in-house R and D units of industries. In 1982-83 out of total R and D expenditure of Rs. 286 crore incurred by 668 in-house R and D units, about Rs. 125 crore was spent by 68 public sector R and D units. Currently, there are about 900 in-house R and D units of which 82 are in the public sector.

(c) The research work carried out in the industrial sector has resulted in strengthening the infrastructure for R and D, imports

substitution, improvement in the existing products and processes, new product and process development, commercialization of technologies developed indigenously etc.

(d) The technology Policy Statement of the Government (January 1983) has stated, "There shall be a firm commitment for absorption, adaptation and subsequent development of imported know-how through adequate investment in Research and Development to which importers of technology will be expected to contribute. Appropriate incentives will be given to the setting up of R and D units in industry and for industry including those on a cooperative basis. Enterprises will be encouraged to set up R and D units of a size to permit the accomplishment of major technological tasks."

**Energy from Trees**

4232. DR. KRUPASINDHU BHOI : Will the PRIME MINISTER be pleased to state :

(a) whether an I. S. R. O. Scientist has developed the technique to produce energy from trees;

(b) if so, the details thereof; and

(c) the time by which commercial exploitation of electricity from trees will be possible ?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY AND IN THE DEVELOPMENTS OF OCEAN DEVELOPMENT, ATOMIC ENERGY, SPACE AND ELECTRONICS (SHRI SHIVRAJ V. PATIL) : (a) and (b). Some very preliminary studies using metal electrodes pierced in some plants and trees have been conducted by an ISRO Scientist to examine low levels of electricity derived from these.

(c) Since these studies are extremely preliminary it is premature at this stage to consider commercial exploitation.

**Publication of second part of 'India Wins Freedom'**

4233. SHRI AMAR ROYPRADHAN : Will the Minister of CULTURE be pleased to state :

(a) Whether Government had decided to publish in 1985 the second part of the

'India Wins Freedom' written by Shri Abul Kalam Azad; and

(b) if so, the details thereof and the reasons for not publishing the same so far?

THE MINISTER OF STATE IN THE MINISTRY OF PERSONNEL AND TRAINING, ADMINISTRATIVE REFORMS AND PUBLIC GRIEVANCES AND PENSION AND IN THE DEPARTMENT OF CULTURE (SHRI K. P. SINGH DEO) : (a) No, Sir.

(b) Does not arise.

**Development of Electronics City at Hajipur, Bihar**

4235. SHRI MAHABIR PRASAD YADAV : Will the PRIME MINISTER be pleased to state :

(a) whether an Electronics City is being developed at Hajipur in Bihar;

(b) is so, number of units likely to be established in the said city, total investment likely to be made, type of software to be manufactured by different units and the employment potential; and

(c) when the city is expected to start full production?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY AND IN THE DEPARTMENTS OF OCEAN DEVELOPMENT, ATOMIC ENERGY, SPACE AND ELECTRONICS (SHRI SHIVRAJ V. PATIL) : (a) to (c). The information is being collected and will be laid on the Table of the House.

**Manufacturing of VCR and VCP**

4236. SHRI B. V. DESAI : Will the PRIME MINISTER be pleased to state :

(a) whether the British Physical Laboratory has been given a licence to manufacture Video Cassette Recorder/Video Player deck mechanisms;

(b) if so, whether the Company has tied up technical arrangements with the Japanese firm;

(c) whether the BPL will be one of the two companies to manufacture deck mechanisms for VCR/VCP in the country; and

(d) if so, by what time the company is likely to step up mechanism?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY AND IN THE DEPARTMENT OF OCEAN DEVELOPMENT, ATOMIC ENERGY, SPACE AND ELECTRONICS (SHRI SHIVRAJ V. PATIL) : (a) Yes, Sir.

(b) Yes, Sir.

(c) Yes, Sir.

(d) The company is likely to set up the project in 1986.

**Price of Colour TV**

4237. SHRI MOHANLAL PATEL : Will the PRIME MINISTER be pleased to state :

(a) the present price for a colour T. V. set produced in India and the price of an imported colour T. V. set;

(b) the difference in their price and the reasons therefor;

(c) the number of T. V. manufacturers in India and the number of T. V. sets manufactured by them annually;

(d) whether T. V. manufacturers are not able to meet the demand and people have to wait for months together to get the delivery of colour T. V. sets; and

(e) if so, the steps being taken to increase the production of colour T. V. sets in the country to meet the demand?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY AND IN THE DEPARTMENTS OF OCEAN DEVELOPMENT, ATOMIC ENERGY, SPACE AND ELECTRONICS (SHRI SHIVRAJ V. PATIL) : (a) and (b). The ex-factory price of colour T. V. sets produced in India varies between Rs. 4500 to Rs. 7000 depending on features offered. The FOB price of corresponding imported sets varies between US \$ 350 to \$ 500 approximately.

Main reasons for difference in prices are :

(i) Import Duty on the components needed for production of CTV sets