

lected and will be placed on the Table of the House.

Kanyapur Unit of the Cycle Corporation of India

4872. SHRI HARADHAN ROY: Will the PRIME MINISTER be pleased to state:

(a) whether the Government are considering proposals for modernisation and expansion of the Kanyapur unit of the Cycle Corporation of India in West Bengal;

(b) if so, the details thereof; and

(c) if not, the reasons therefor?

THE MINISTER OF STATE IN THE MINISTRY OF INDUSTRY (SHRI P.K. THUNGON): (a) to (c). Government have plans for the revival and rehabilitation of Cycle Corporation of India Limited, which covers aspects such as modernisation of plant and machinery, rationalisation of work force, capital restructuring and financial assistance for working capital etc. However, no plan for the expansion of Cycle Corporation of India Ltd. is under consideration of the Government.

Vacant Posts of Grade 'C' and 'D' Stenographers

4873. SHRI MADAN LAL KHURANA: Will the PRIME MINISTER be pleased to state:

(a) the number of posts of Grades 'C' and 'D' Stenographers lying vacant in the Government offices and since when these are lying vacant; and

(b) the steps taken to fill up the vacant posts?

THE MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PUBLIC GRIEVANCES AND PENSIONS (SHRIMATI MARGARET ALVA): (a) and (B). The posts of Grades 'C' & 'D' Stenographers are spread-over various Ministries/Departments and their attached offices participating in the Central Secretariat Stenographers Service, Indian Foreign Service (B), Railway Board Stenographers Service, AFHQ Stenographers service and some other comparable Organisations. The information about the number of such posts lying vacant is not centrally maintained.

Staff Selection Commission conducts examinations annually/periodically for recruitment to these two grades against the demand placed by the concerned authorities against Direct Recruitment Departmental Examination quota. Staff Selection Commission have nominated in April, 1991 585 candidates from the Stenographers Grade 'D' Open Examination, 1990 for appointment in the above services. 286 vacancies in Grade 'C' of Central Secretariat Stenographers Service have been intimated to Staff Selection Commission for filling up through Grade 'C' Stenographers Examination, 1989. Vacancies earmarked for appointment against promotion quota of Grade 'C' Stenographers are filled up by the concerned authorities as and when required. Staff Selection Commission are holding the next examinations for recruitment of Stenographers as follows:

Stenographers Grade 'D' - Sep. 1991 Examination, 1991

Stenographers Grade 'C' - Dec. 1991 Examination, 1990

Research of Super Conductivity

4874. SHRI RADHIKA RAJAN PRAMANIK: Will the PRIME MINISTER be pleased to state:

(a) the names of the Physical laboratories where research on super conductivity is being done and the latest development on research on super conductivity; and

(b) the future programme of the Government regarding research on super conductivity?

THE MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PUBLIC GRIEVANCES AND PENSIONS (SHRIMATI MARGARET ALVA): (a) Major national laboratories where research on Super-conductivity is being done are:

1. National Physical Laboratory (NPL), New Delhi.

2. Tata Institute of Fundamental Research (TIFR), Bombay.

3. Bhabha Atomic Research Centre (BARC), Trombay.

4. Saha Institute of Nuclear Physics (SINP), Calcutta

5. Regional Research Laboratory (RRL), Trivandrum.

6. Central Electronics Engineering Research Institute (CEERI), Pilani.

7. Defence Metallurgical Research laboratory (DMRL), Hyderabad.

In addition to these laboratories other prominent institutes where superconductivity research work is being carried out are: Indian Institute of Science (IISc), Bangalore, Indian Institute of Technology (IITs), Banaras Hindu University (BHU), University of Poona, Pune and R & D Unit of Bharat Heavy Electricals Ltd (BHEL), Hyderabad.

Substantial basic research work has

been done in the country. Some highlights of the more recent results of basic studies in the area of oxide superconductors are the following:

- Study of structure, physical properties and substitutions in various cuprate superconductors.
- Synthesis of a new family of Thallium based superconductors.
- First study of non-resonant microwave absorption in an oxide superconductor. The superconductivity R&D programme has also been carried out with applications in view. Some important achievements are the following:
 - Development of a high temperature SQID bases on microbridge in a bulk oxide superconductor.
 - Development of the magnetic arc separator using metallic superconducting magnets.

(b) the Government will continue to promote both basic and applied research activities in the superconductivity area. For actual applications, full-fledged system development based on the achievements, like the two cited above, will receive thrust.

[Translation]

Energy Food Industries in Maharashtra

4875. SHRI VILASRAO NAGNATHRAO GUNDEWAR: Will the Minister of FOOD PROCESSING INDUSTRIES be pleased to state the names of cities in Maharashtra where energy food industries have been set up or proposed to be set up by the Modern Food Industries (India) Limited during 1991-92?