

(b) what are the values of those articles; and

(c) how many complaints have been lodged against those who are smuggling?

The Minister of Finance (Shri Morarji Desai): (a) and (b). The types of articles seized while being smuggled in or out of Calcutta Port during the last ten years from 1951 to 1960 and their values are given in the statement laid on the Table of the House. [See Appendix IV, annexure No. 49].

(c) 264 complaints were lodged in courts of law against the smugglers.

Central Road Research Institute

2608. Shri Chandak: Will the Minister of Scientific Research and Cultural Affairs be pleased to state:

(a) whether the Central Road Research Institute are carrying out experiments since early 1959 for improvement of iron-tired bullock carts by providing properly designed rubber fixtures in the hub assembly of the wheels;

(b) how and where the rubber fixtures are proposed to be placed in the hub assembly and what would be the advantage of such rubber fixtures; and

(c) what are the findings of the Institute in this regard?

The Minister of Scientific Research and Cultural Affairs (Shri Humayun Kabir): (a) Yes, Sir. Some experiments were carried out.

(b) The rubber fixtures were fixed on a cast-iron bearing and fixed to the axle inside the hub. It was expected that the fixtures will enable the wheel to flex according to the varying cambers of road surface and thus reduce the stress intensity and minimise the damage to road surface.

(c) The fixtures did not give the desired effect.

Central Road Research Institute

2609. Shri Chandak: Will the Minister of Scientific Research and Cultural Affairs be pleased to state:

(a) whether the Central Road Research Institute carried out experiments in 1958 to study the relative efficiency of steel-tired and pneumatic-tired bullock carts;

(b) whether the finding was that pneumatic-tired carts require more tractive effort than iron-tired carts on muddy roads; and

(c) whether such finding was erroneous as it did not take into consideration efforts (power) spent in cutting two channels across muddy surface?

The Minister of Scientific Research and Cultural Affairs (Shri Humayun Kabir): (a) Yes, Sir. Qualitative experiments were carried out on a comparative basis keeping the variables to the minimum.

(b) The indications were: (i) pneumatic tyres were superior to iron-tyres on dry clayey silts and also on wet or dry sand, and (ii) iron-tyres were superior to pneumatic tyres on wet clayey silts.

(c) Keeping in view the qualitative nature of the experiments without introducing any other variables the results were not erroneous.

Grant of Legal Assistance to S.C. and S.T. in Orissa

2610. Shri B. C. Mullick: Will the Minister of Home Affairs be pleased to state:

(a) whether it is a fact that a large number of applications from the Scheduled Castes and Scheduled Tribes for the grant of legal assistance are lying undecided at the district levels in the State of Orissa for more than one year;

(b) if so, the reasons therefor;

(c) what amount was allotted for the year 1960-61 for the grant of