## IIT-JEE encounters controversy again

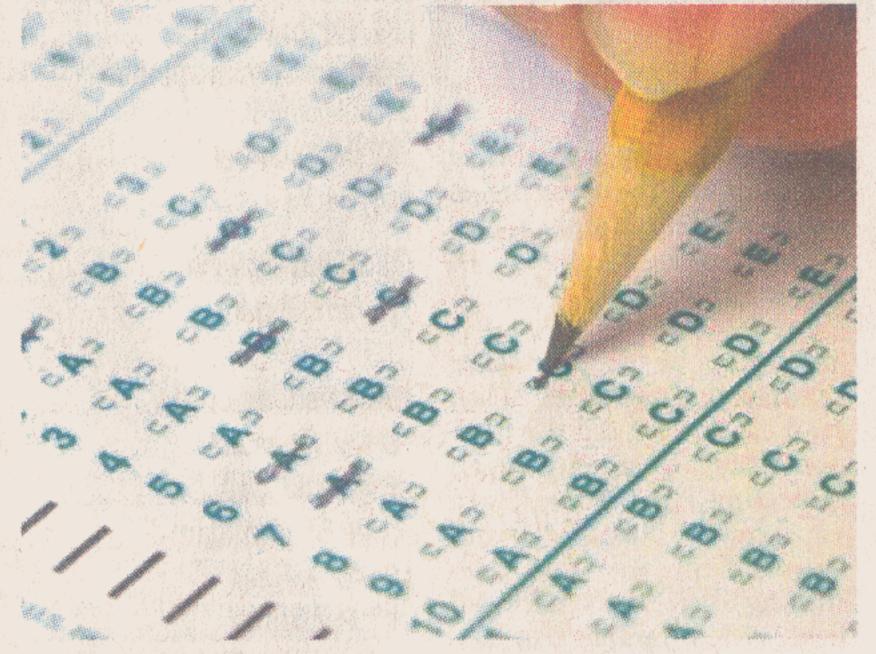
PNS NEW DELHI

Inations (JEE) is once again mired in controversies. The answer keys released on Sunday has come as a shock for "wrong questions, which either had no answer or had multiple sets of answers".

The answer keys were released by IIT for the first time before the publication of results. It can be seen in the official website of the institution.

The move has come following the initiatives of Rajiv Kumar, Professor from IIT, Kharagpur, whose PIL is pending in Supreme Court. This is for reforms to bring transparency and accountability and minimisation of errors in the JEE. Kumar has however been suspended for his efforts.

Out of a total of 480 marks, total of eight questions carrying 30 marks are ambiguous, and/or incomplete questions.



These include six questions of 22 marks in Maths and two questions of eight marks in Physics. Further, three Maths questions of four marks each were declared "open", as there were no correct answers. This enabled every student to secure 12 "free for all", marks, thereby raising the Maths cutoff sig-

nificantly due to the free score. Such glaring mistakes coming from a brand name as the IIT, where even a fraction of mark can make or break a candidate's life, has shaken academicians and students.

Some professors contacted by *The Pioneer* said that in Paper I, there are two Maths questions, Question(Q) Numbers 55 and 66, which are declared open, in absence of correct choice of answers. There are two other Maths questions which have more than one set of correct answers. Q Number 57 have BC and BCD as two sets of the correct answers. Q Number 64 have three, nine or three & nine both as three sets of the correct answers. In Physics Q Number 32 has three sets, BC, BD and BCD, as correct answers.

In Paper II, Physics Q Number 32 has two sets, A and AC, as correct answers. Maths Q Number 53 is declared open. Maths Question 59 (B) have P and PQRST, two sets of correct answers.

Analysing the mistakes in Maths, KD Joshi, Professor of Maths, IIT Bombay, "Sadly many of these good problems are marred by mistakes. Questions 21, 41 and Questions 43(D) are mathematically incorrect while the mistake in

Question nine has made it "vacuous". There is inconsistency of data in question 22 and unclear data in Question 43(B). There are also instances (Question 10 and 34) where some of the alternatives given are controversial.

The candidates grudging against the free for all 12 marks in Maths due to mistake of the IIT said, "though students may be given 12 marks, however, there were a plenty of students who have to toil hard to crack these questions, and had to spent enough time and were stressed due to not finding a proper answer". Surprisingly, there were three questions, two in Maths and one in Physics, in which all the options were correct.

IIT released the answerkeys after 35 days of conduction of examination. This is a rollback on its announcement that the answer-keys would be published within two-three days after examinations.