

JEE MAIN MECHANICAL PROPERTIES OF FLUIDS — HYDRAULIC
MACHINES — PYQS

Max. Marks: 4

Questions: 1

Section B (Numerical) — 1 question

- Q.1** In a hydraulic lift, the surface area of the input piston is 6 cm^2 and that of the output piston is 1500 cm^2 . If 100 N force is applied to the input piston to raise the output piston by 20 cm , then the work done is _____ kJ.

[JEE Main 2025 (Online) 29th January Morning Shift]

Scan or tap for the
full solution

ANSWER KEY

Ques.	1													
Ans.	5													