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flow turbine engine is an integral part of the engine that helps reduce the  
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given heat supplied in boiler  $q_s = 3000 \text{ kJ/kg}$  heat rejected in condenser  $q_r = 2200 \text{ kJ/kg}$  turbine work  $1100 \text{ kW}$  pump work  $10 \text{ kW}$  net work output  $3000 - 2200 - 800 = 0 \text{ kJ/kg}$  now  $w = 800 \text{ m}$  here  $w = 1100 - 10 - 1090 = 0 \text{ kJ/s}$  m  $1090 - 800 = 290 \text{ kJ/s}$  india s 1 learning platform start complete exam preparation

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1 this particular component of an axial flow turbine engine is an integral part of the engine that helps reduce the chances of compressor stall from occurring boldmethod 2 turbine aircraft provide a source from the engine in order to allow certain equipment to work such as packs anti ice and air turbine starters boldmethod

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