

Exam Feedback

- Using formulas true for reversible processes to calculate entropy change of an irreversible process is valid because entropy is a state function (a function independent of the details of process). Very few students made this statement before using the formulas. (1 mark)
- A small number (still far too many in my opinion) of students are still not confident to do derivative involving log functions. For example

$$\frac{\partial}{\partial x} \ln \left(\frac{5ay}{x} \right)^{3N/2} = ?$$

where $N = 10^{23}$.