

Large Hadron Collider (10 point)

Del A. LHC acceleratoren (6 point)

A.1 (0.7 pt)

$v =$

A.2 (0.8 pt)

approximation: $\Delta =$

Talværdi: $\Delta =$

A.3 (1.0 pt)

formel: $B =$

Talværdi: $B =$

A.4 (1.0 pt)

$P_{\text{rad}} \propto$

A.5 (1.0 pt)

$P_{\text{tot}} =$

A.6 (1.5 pt)

$T =$

Del B. Partikelidentifikation (4 point)

B.1 (0.8 pt)

$m =$

B.2 (0.7 pt)

$l =$

B.3 (1.7 pt)

$m =$

B.4 (0.8 pt)

Partikel	Målt masse; med masseenhed []:	Identificeret som:
A		
B		
C		
D		