A. A Binary System

A-1	$\Phi(x, y) =$	1.0 pt

A-2		0.7 pt

A-3	$\frac{x_0}{a} =$	0.5 pt

A-4	$\dot{a} =$	$\dot{P} =$	0.6 pt

A-5	$T =$	1.0 pt

A-6	$T =$ K	0.5 pt

A-7	$v'_{max} =$	$M'_{1_{min}} =$	0.7 pt

B. Analysis of the stability of a star

B-1	$g =$		0.2 pt

B-2	$h_1(\rho, r) =$	$h_2(r) =$	0.6 pt

B-3	$r_0 =$	0.4 pt

B-4	$j_1(u, x) =$	$j_2(x) =$	0.3 pt

B-5	$f(x) =$	0.6 pt

B-6	$\gamma =$	0.8 pt

B-7	$\tilde{g} \simeq$	$\tilde{\rho} \simeq$	0.9 pt

B-8	$\frac{d^2\tilde{r}}{dt^2} =$	0.6 pt

B-9	$\ddot{\epsilon} =$	$\gamma_{min} =$	$\omega =$	0.6 pt