The following formulas will appear on the exam as they are written here:

$$\oint_C \vec{F} \bullet \vec{n}\ ds = \int\int_R \nabla \bullet \vec{F}\ dA$$

$$\int\int_S \vec{F} \bullet \vec{n}\ d\sigma\ =\ \int\int\int_D \nabla \bullet \vec{F}\ dv$$

$$\oint_C \vec{F} \bullet d\vec{r}\ =\ \int\int_R (\nabla \times \vec{F}) \bullet \vec{k}\ dA$$

$$\oint_C \vec{F} \bullet d\vec{r}\ =\ \int\int_S (\nabla \times \vec{F}) \bullet \vec{n}\ d\sigma$$