Practice on stresses and static admissibility

Let us consider the continuum body Ω in its present configuration where

$$\Omega = \{0 \le x_1 \le a; 0 \le x_2 \le b; 0 \le x_3 \le b; \}$$
(1)

and $\partial\Omega$ is boundaries of the domain Ω .

Question 1: What are the surface tractions over the boundary $\partial\Omega$ when the stress state is $\underline{\underline{\sigma}} = a(\underline{e}_3 \times \underline{e}_3)$?

Question 2: What are the surface tractions over the boundary $\partial\Omega$ when the stress state is $\underline{\underline{\sigma}}(\underline{x}) = \tau(\underline{e}_1 \otimes \underline{e}_3 + \underline{e}_3 \otimes \underline{e}_1)$?