Both the reading and listening argue over the challenges of sending the human to the Mars and being stay there. The reading lists out three problems to a successful carrying out. However, the listening offers one solution to each of the problems.

First of all, the reading raises the question of how those astronauts can survive there, and supply their food during the two-years mission to Mars. The lecturer brings up a solution to this problem. She asserts that they can use hydroponic technology to cultivate their food crops by growing plants in such a way which can help them to recycle waste water and reuse it as clean vapor potable water. Also these plants will release Oxygen; therefore, astronauts can enjoy the fresh air in their spacecraft.

Moreover, the reading asserts that spending long periods of time on Mars with zero-gravity environment would have a negative effect on human body, and could pose threat to those astronauts. Nevertheless, the listening asserts that there are some space stations which have zero-gravity and orbit the Earth, so they have experienced these kind of situation before. In fact, astronauts have learned some useful techniques which can help them to cope with this issue. For example, they do some exercises and take some vitamin supplements, which can help them to prevent decreasing muscle as well as bone density.

At the end of the passage the reading claims that there are some dangerous space radiations, and since there is no Earth-like magnetic field on Mars, which can protect astronauts from those radiations, they should provide something to protect themselves. However, the lecturer casts doubt on this assertion because the radiations are not as dangerous as the reading asserts. Moreover, they can be equipped with special instruments to monitor these radiations and stay in small shield area until those dangerous radiations has passed.