Post-Nuclear War Survival

Three days ago, nuclear war broke out around the world with massive attacks in all heavily populated areas. For the first 24 hours, radio broadcasts reported tremendous damage and loss of life in all areas, including the total annihilation of most of Earth's population. For the past 48 hours, there have been no broadcasts. Fortunately, the people listed below were able to reach a fallout shelter in time to take cover and survive the initial devastation. You must assume that those in the shelter are, as far as you know, the only survivors of the war.

Here is the dilemma: There are twelve people in the fallout shelter, but there is not enough water or other supplies to keep them all alive until the atmosphere is safe. To survive, the people must stay inside the fallout shelter for at least three months. The problem is that if all of them stay in the shelter, all of them will starve to death or dehydrate. There are supplies enough to allow seven of the twelve people to survive.

Your task is to decide, based on the information given, which people will be allowed to remain (and live), and which people will be required to leave the shelter (and probably die). We will assume that those who are selected to leave will do so peacefully. At issue is the survival of humans on Earth. The bottom line is that if human beings are to repopulate the Earth, such repopulation will begin with those survivors chosen be you.

Carefully evaluate all information about each of the twelve persons. Consider their health, experiences, age, sex, and intelligence. Then decide which seven will be allowed to stay in the shelter and which five must leave.

People:
1. James Stanley

age: 43

IQ: 112

health: good

education/training: 2 yrs college, 2 yrs military. work experience: 15 years farming, successfully.

2. Janie Stanley

age: 13

IQ: 120

health: excellent

education/training: middle school student. work experience: none.

7. Gerald White

age: 35

IQ: 98

health: fair

education/training: work experience: 4 years Army (infantry), 10 years general construction laborer.

8. Martha Gray

age: 25

IQ: 142

health: good

education/training: PhD in music theory. work experience: 2 years teaching on college level.

3. Wanda Brice

age: 50

IQ: 140

health: fair

education/training: Master's degree in psychology. work experience: 15 years as mental health case-worker;

4. Bill Waters

age: 27

IQ: 104

health: excellent

education/training: tech school graduate work experience: 10 years heavy construction and welding.

5. Michelle Patterson

age: 19

IQ: 105

health: fair

education/training: high school graduate. work experience: 3 years experience in retail sales.

6. Ray Wilson

age: 60

IQ: 127

health: good

education/training: 4 years college, majored in business. work experience: bank teller 10 years, financial advisor and bank president 20 years.

9. William Gray

age: 8

IQ: 150

health: good

elementary school student. work experience: none.

10. John Davis

age: 33

IQ: 125

health: fair

college degree in chemistry work experience: 12 years high school chem teacher

11. Marjorie Blaylock

age: 39

IQ: 133

health: poor

medical school graduate. work experience: 10 years general family medical practice.

12. Fred Fredrick

age: 54

IQ: 132

health: excellent

education/training: highly trained in electronics. work experience: 25 years US Navy electronics technician; 10 years private electronics