

Questions 18–23

There are exactly three recycling centers in Rivertown: Center 1, Center 2, and Center 3. Exactly five kinds of material are recycled at these recycling centers: glass, newsprint, plastic, tin, and wood. Each recycling center recycles at least two but no more than three of these kinds of material. The following conditions must hold:

Any recycling center that recycles wood also recycles newsprint.

Every kind of material that Center 2 recycles is also recycled at Center 1.

Only one of the recycling centers recycles plastic, and that recycling center does not recycle glass.

18. Which one of the following could be an accurate account of all the kinds of material recycled at each recycling center in Rivertown?
- (A) Center 1: newsprint, plastic, wood; Center 2: newsprint, wood; Center 3: glass, tin, wood
 (B) Center 1: glass, newsprint, tin; Center 2: glass, newsprint, tin; Center 3: newsprint, plastic, wood
 (C) Center 1: glass, newsprint, wood; Center 2: glass, newsprint, tin; Center 3: plastic, tin
 (D) Center 1: glass, plastic, tin; Center 2: glass, tin; Center 3: newsprint, wood
 (E) Center 1: newsprint, plastic, wood; Center 2: newsprint, plastic, wood; Center 3: glass, newsprint, tin
19. Which one of the following is a complete and accurate list of the recycling centers in Rivertown any one of which could recycle plastic?
- (A) Center 1 only
 (B) Center 3 only
 (C) Center 1, Center 2
 (D) Center 1, Center 3
 (E) Center 1, Center 2, Center 3
20. If Center 2 recycles three kinds of material, then which one of the following kinds of material must Center 3 recycle?
- (A) glass
 (B) newsprint
 (C) plastic
 (D) tin
 (E) wood
21. If each recycling center in Rivertown recycles exactly three kinds of material, then which one of the following could be true?
- (A) Only Center 2 recycles glass.
 (B) Only Center 3 recycles newsprint.
 (C) Only Center 1 recycles plastic.
 (D) Only Center 3 recycles tin.
 (E) Only Center 1 recycles wood.
22. If Center 3 recycles glass, then which one of the following kinds of material must Center 2 recycle?
- (A) glass
 (B) newsprint
 (C) plastic
 (D) tin
 (E) wood
23. If Center 1 is the only recycling center that recycles wood, then which one of the following could be a complete and accurate list of the kinds of material that one of the recycling centers recycles?
- (A) plastic, tin
 (B) newsprint, wood
 (C) newsprint, tin
 (D) glass, wood
 (E) glass, tin

S T O P

IF YOU FINISH BEFORE TIME IS CALLED, YOU MAY CHECK YOUR WORK ON THIS SECTION ONLY.
 DO NOT WORK ON ANY OTHER SECTION IN THE TEST.