

Exam 2 (Time Limit: One hour)

Break up the following text into ranking and downranked clauses, and analyse each ranking clause for transitivity. You do not need to analyse the internal structure of downranked clauses.

// [[Disposing of discarded tires]] has always been

<i>Pt:</i> <i>Carrier</i>	<i>Pr:...</i> <i>R-A...</i>		<i>...Pr</i> <i>...R-A</i>
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a problem. // For years most of them

<i>Pt:</i> <i>Attribute</i>	<i>Circ:</i> <i>Extent</i>	<i>Pt:</i> <i>Goal</i>
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have just been dumped, // buried // or burned. //

<i>Pr:...</i> <i>Mat...</i>		<i>...Pr</i> <i>...Material</i>	<i>Pr:</i> <i>Material</i>		<i>Pr:</i> <i>Material</i>
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But now AGA, a Swedish company, has

	<i>Circ:</i> <i>Time</i>	<i>Pt:</i> <i>Actor</i>	<i>Pr:...</i> <i>Material...</i>
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refined a technique [[that separates out the

<i>...Pr</i> <i>...Mat</i>	<i>Pt:...</i> <i>Goal...</i>
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recyclable materials by freezing the tires and

<i>...Pt...</i> <i>...Goal...</i>

then breaking them into tiny pieces.]] // The

<i>...Pt</i> <i>...Goal</i>	<i>Pt:...</i> <i>Goal...</i>
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steel, rubber and textiles [[that are recovered]]

<i>...Pt</i> <i>...Goal</i>

can be used for athletics tracks, other

<i>Pr:</i> <i>Material</i>	<i>Circ:...</i> <i>Cause/Reason...</i>
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sports surfaces, noise barriers and rubberized

<i>...Circ...</i> <i>...Cause/Reason...</i>
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rubberized asphalt. //

<i>...Circ</i> <i>...Cause/Reason</i>
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// In the technique, cryogenic tire recycling,			
Circ: Contingency			
scrap tires are fed into a shredder,			
Pt: Goal	Pr: Material	Circ: Location	
// which cuts them into chips about			
Pt: Actor	Pr: Mat	Pt: Goal	Circ:... Role...
two inches long. // The chips are then			
...Circ ...Role		Pt: Goal	Pr:... Mat...
dumped on a conveyor belt [[which passes			
...Pr ...Mat	Circ:... Location...		
them into a tunnel 40 feet long.]] //			
...Circ ...Location			

(New Scientist, adapted)