18 A government imposes an income tax on individuals. The first \$100000 of earned income is taxed at a rate of 20%, and all further earned income above \$100000 is taxed at a marginal rate of 50%.

Which statement is not valid?

- A The average income tax rate is 20% at an income of \$80,000 and 35% at an income of \$200,000.
- **B** The tax is a direct tax for incomes above \$100 000.
- **C** The tax is a proportional tax for incomes between \$20 000 and \$40 000.
- **D** The tax is regressive when incomes change from below to above \$100 000.
- **19** Agricultural economies have faced a deterioration in their terms of trade.

What might have contributed to this?

- A falling exchange rates of agricultural economies
- **B** falling productivity in agricultural production
- C increasing productivity in manufacturing economies
- **D** the high income elasticity of demand for foodstuffs
- **20** The table shows the output of rice and cotton for countries X and Y.

	units of output of rice per year	units of output of cotton per year
country X	5000	5000
country Y	4000	2000

Each country divides its resources equally between the production of rice and cotton.

Based upon the law of comparative advantage, which statement is correct?

- **A** Country X has the higher opportunity cost in producing cotton.
- **B** Country Y has the lower opportunity cost in producing rice.
- **C** Country X should produce both goods as the opportunity cost is the same.
- **D** Country Y should produce both goods as it has an absolute advantage in both.