Solutions

Each answer shows the steps, then the **result**.

2.1

- educated women marry later and know about family planning; they choose smaller families / careers, so fertility falls

2.2

- paid work raises the opportunity cost of children/time; families tend to be smaller

2.3

(a)

- TFR falls

(b)

- IMR falls (better maternal/infant health)

3.1 B

- female education and employment strongly lower fertility

3.2 B

- lower fertility shifts a country into Stages 3-4

3.3

(a)

- the less-educated region

(b)

- less schooling
- earlier marriage, less family planning, larger families

3.4

(a)

- a strong negative correlation: more years of schooling for women goes with a lower total fertility rate

(b)

- the trend line crosses TFR 2.1 at about **11–12 years** of schooling

(c)

- correlation is not causation: richer countries tend to have both more schooling and lower fertility
- other factors such as income, urbanisation, child survival and access to contraception may drive both