



















## Answer 7

### (a)

#### (i) Harmful effects of noise pollution on human health:

1. Prolonged exposure to high-decibel noise damages the ear drums and can bring about permanent hearing impairment.
2. Noise pollution can lead to high blood pressure (hypertension), constant headaches and lack of concentration.
3. It interrupts the thought process, resulting in low efficiency at work.
4. It disturbs sleep which causes irritability and nervous disorders.

#### (ii)

<b>Functions of the Red Cross Society</b>	<b>Functions of WHO</b>
Humanitarian services to victims of war.	To suggest quarantine measures to prevent spread of disease.
To educate people in accident prevention.	To promote projects for research on disease.

#### (iii) Reasons for population explosion in India:

1. Improved nutrition (especially for growing children) helps to stay healthy, and thus, people suffer less from diseases and live longer.
2. Fewer infant deaths because of better health care leads to a greater number of children reaching the reproductive age which further contributes to the population growth.

#### (iv) Mendel's law of segregation – Two members of a pair of factors separate during the formation of gametes.

### (b)

- (i) Vasectomy
- (ii) Demography
- (iii) Pericardium
- (iv) Mutation
- (v) Nucleotide
- (vi) Plasma
- (vii) Auditory nerve
- (viii) Tropic hormones
- (ix) Scrotum
- (x) Menopause