

Multiple Choice Answers

Q22: B

2(a)(i)	428 (%) ;;;
2(a)(ii)	<i>any two from:</i> 1 (chickens) can produce eggs, sooner / at an earlier age / younger / AW ; ora 2 chicken reach, saleable size / have (more) meat, sooner / at an earlier age / younger / AW ; ora 3 (chickens) can produce, chickens / chicks / offspring, sooner / at an earlier age / younger / AW ; ora 4 increased / AW, profit ; ora 5 AVP ;
2(a)(iii)	1 breed / cross, chickens with the large(st) body mass together ; 2 select offspring with the large(st) body mass to breed together ; 3 (this process is) repeated for (many) generations ; 4 AVP ;
2(b)	<i>any six from:</i> 1 run-off / washed into freshwater / AW ; 2 chicken manure contains (increased availability of), nitrate / (mineral) ions ; 3 eutrophication ; 4 increased / rapid, growth of, producers / AW ; 5 increased <u>decomposition</u> of dead, producers / AW ; 6 increased <u>aerobic</u> respiration by (decomposers) ; 7 (increased respiration causes a) reduction in (dissolved) oxygen (in water) ; 8 death / migration / AW, of, (named aquatic) organisms requiring (dissolved) oxygen ; 9 AVP ;;
2(c)	<i>any three from:</i> deamination ; of excess amino acids ; (deamination) in the liver ; the removal of the nitrogen-containing part (of the amino acid) ;

Multiple Choice Answers

Q33: D

Multiple Choice Answers

Q27: D

Q33: C

Multiple Choice Answers

Q35: B