

Subject: _____

Question		Question	
1	What is the name for reproductive cells that carry half the genetic information?	21	What is the name of the sticky part of the carpel where pollen lands?
2	Name the cell formed when the nuclei of two gametes fuse.	22	What term describes the transfer of pollen from an anther to a stigma?
3	What is the name of the process where a zygote is formed?	23	Name two ways that pollen can be transferred between plants.
4	Which organ in the male reproductive system produces sperm cells?	24	What must grow from the pollen grain to reach the ovule?
5	Which organ in the female reproductive system produces egg cells?	25	In plants, what does the fertilised ovule eventually become?
6	Name the tube that sperm travels along before being released.	26	What process occurs when a dormant seed begins to grow?
7	Where in the female reproductive system are egg cells released into?	27	What provides the food store for a seed to help it grow?
8	In which part of the female reproductive system does fertilisation usually occur?	28	What is the male reproductive organ that protects the testes?
9	Name the organ where a fertilised egg develops into an embryo.	29	From which part of the male reproductive system is sperm released during ejaculation?
10	What is the name of the structure that attaches the embryo to the uterus wall?	30	What type of reproduction involves two parents and the fusion of gametes?
11	What name is given to the physical changes that occur during adolescence?	31	Name the process where plants use light to produce glucose.
12	How long is a typical human menstrual cycle?	32	Name the two reactants needed for photosynthesis.
13	What is the term for the period of development from fertilisation to birth?	33	Name the two products of photosynthesis.
14	Approximately how many months does human gestation last?	34	Which specialized plant tissue transports water from the roots?

15	Name the organ that supplies a developing embryo with oxygen and nutrients.	35	Which specialized plant tissue transports sugars from the leaves?
16	What is the male gamete in a plant?	36	What is the term for a community of living organisms interacting with their environment?
17	What is the female gamete in a plant called?	37	What term describes how all living things depend on each other for survival?
18	Which two parts of the plant make up the male stamen?	38	What is the name for organisms that can make their own food?
19	Which three parts of the plant make up the female carpel?	39	What is the name for organisms that must eat others to survive?
20	Name the part of the stamen where pollen is produced.	40	What is the measure of the total mass of living material in an organism?

Question	
41	What type of diagram represents the biomass at each trophic level?
42	What is the term for the build-up of toxins in an organism's tissues?
43	Which cycle shows how carbon moves between the environment and organisms?
44	Name the only process that removes carbon dioxide from the atmosphere.
45	What is the process where dead organisms are broken down by bacteria?
46	Which leaf layer contains many chloroplasts for photosynthesis?
47	Name the green chemical in chloroplasts that absorbs light.
48	Which leaf layer allows gases to move easily through the

	leaf?
49	Why can food chains usually not be more than four levels long?
50	What process releases the energy stored in glucose molecules?
51	Name the gas produced as a waste product of photosynthesis.
52	In a pyramid of biomass, which trophic level is always at the bottom?
53	What happens to the concentration of toxins as they move up a food chain?
54	Name one way energy is lost between trophic levels.
55	What do we call a consumer that eats a secondary consumer?
56	Which process in the carbon cycle returns carbon to the air from dead matter?
57	Where in a plant cell does photosynthesis take place?
58	What substance are dissolved minerals transported in?
59	Is photosynthesis an exothermic or endothermic reaction?
60	What is the name of the sugar produced during photosynthesis?