**Answers to IB Style Questions**: 

1. B
2. B
3. D
4. Petals are brightly coloured to attract insects;  
   Pollen is sticky to attach to insects;  
   Ref to shape or position of stigma and nectary to promote pollination;

1 mark each correct adaptations with a function (max 2)

There are many possible answers to this question, these answers are examples

Only accept adaptations with a function

1. Pollination is the transfer of pollen from anther to stigma;

Fertilization is the fusion of male gamete with the female gamete in the ovary;

Seed Dispersal is the transport of seeds away from the parent plant;

1 mark for each correct outline, accept alternative wording

The questions can be found on the next page.

### Multiple Choice Questions

1. What is the name of an angiospermophyte structure in an insect pollinated flower that develops in the ovary and contains the female gamete.
   1. Ovary
   2. Ovule
   3. Style
   4. Pollen
2. Which term describes the sticky portion at the top of the style, where pollen grains land during pollination?
   1. Style
   2. Stigma
   3. Stamen
   4. Sepal
3. Which term best describes the ovary of an insect pollinated flower?
   1. The male reproductive organ of a flower, consisting of an anther and a filament.
   2. The narrow elongated part between the ovary and the stigma
   3. Brightly colored structure that attracts insects to a flower
   4. The organ that protects the ovules of a flower, and develops into a fruit.

### Written Questions

1. Describe the adaptations of dicotyledonous insect pollinated flowers (2 marks)

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1. Outline the processes of pollination, fertilization and seed dispersal in insect pollinated flowers (3 marks)

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