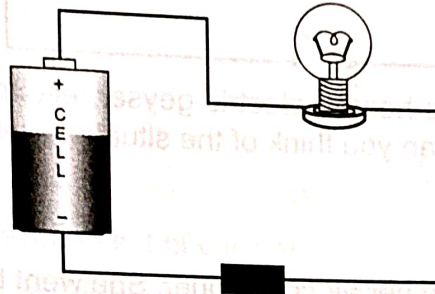


① Draw the figure of a flower and label the parts whose functions are given below and give their names. (5).

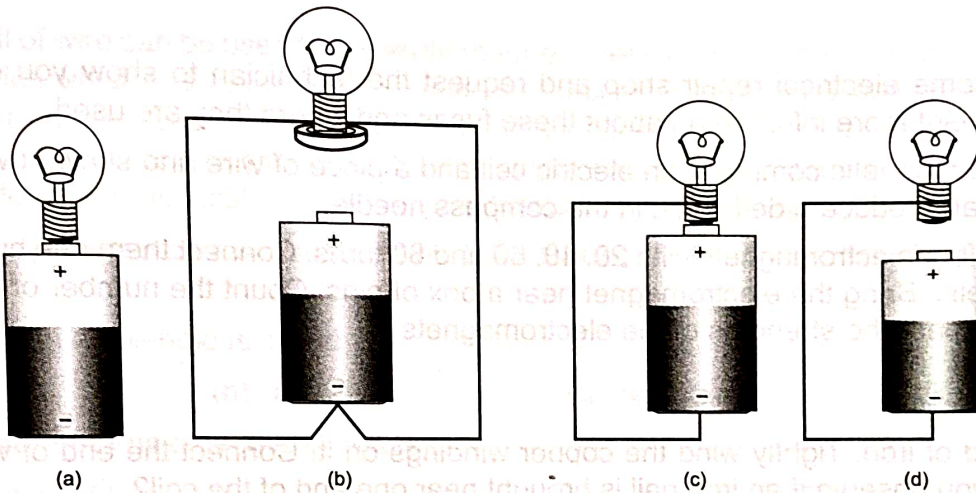
- (a) The part which contains pollen grains.
- (b) The part where the female gamete is formed.
- (c) The female reproductive part where pollen grains germinate.
- (d) The colourful part of flower which attracts insects.

② Explore the concept of vegetative propagation and its applications in agriculture. Discuss its advantages and limitations compared to sexual reproduction in plants. (2).

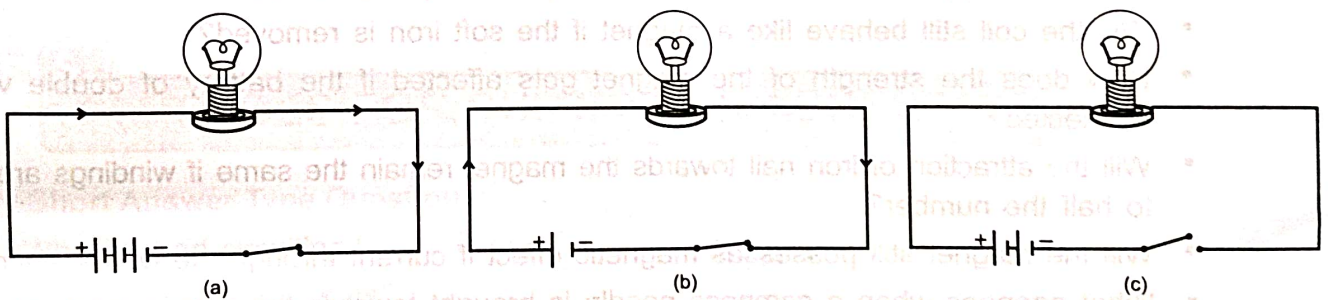
3. What kind of material can you place in , so that the circuit is complete and the bulb will glow?



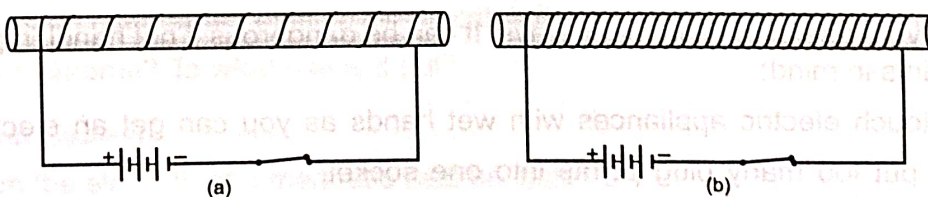
4. In which of the figures will the bulb glow and why?



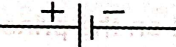
5. In which of the following circuit, will the bulb glow the brightest? Given that all the cells used supply equal currents.



6. Which one of the following is a stronger electromagnet? Why?



F Match the terms in Column I to the symbols in Column II and match further to the correct explanation in Column III:

Column I	Column II	Column III
1. Bulb	(a) 	(i) Has a coiled tungsten filament.
2. Switch	(b) 	(ii) Series of cells connected with correct polarity.
3. Fuse	(c) 	(iii) Source of electric current.
4. Cell	(d) 	(iv) Used to close or open an electric circuit.
5. Battery	(e) 	(v) Has a wire with low melting point.