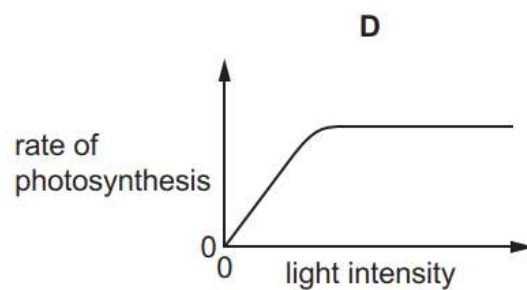
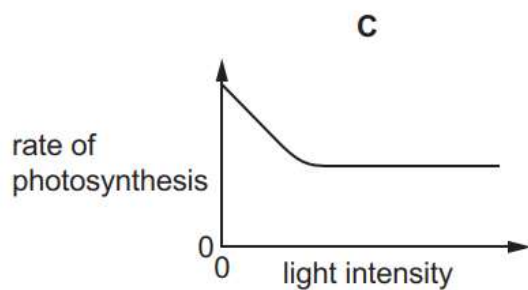
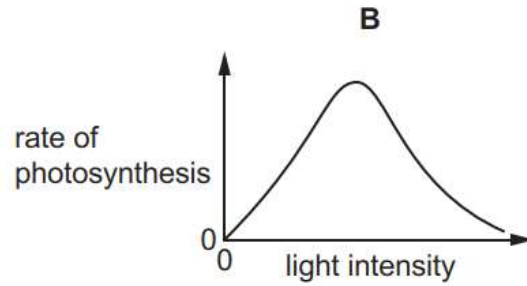
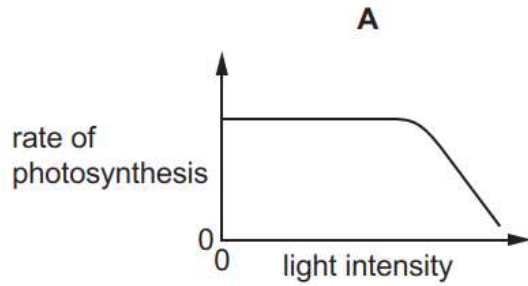


G9 Coordinated Science Semester 1 Examination Revision Questions Set #2

0654_s18_qp21

- 3 Which graph shows the effect of light intensity on the rate of photosynthesis, if all other factors are kept constant?



- 5 In which tissue does translocation occur and what is a substance that is translocated?

	tissue	substance translocated
A	phloem	amino acid
B	phloem	glycogen
C	xylem	sucrose
D	xylem	water

- 14 Which statement about liquids is correct?
- A** They have a fixed shape and a fixed volume.
 - B** They have a fixed shape but not a fixed volume.
 - C** They have no fixed shape but they do have a fixed volume.
 - D** They have no fixed shape and no fixed volume.

- 15 Pure copper chloride can be obtained from a mixture of powdered copper and solid copper chloride.

Three stages in the method are listed.

P add water and stir

Q crystallise

R filter

In which order are these stages carried out in order to obtain pure copper chloride from the mixture?

A P → Q → R

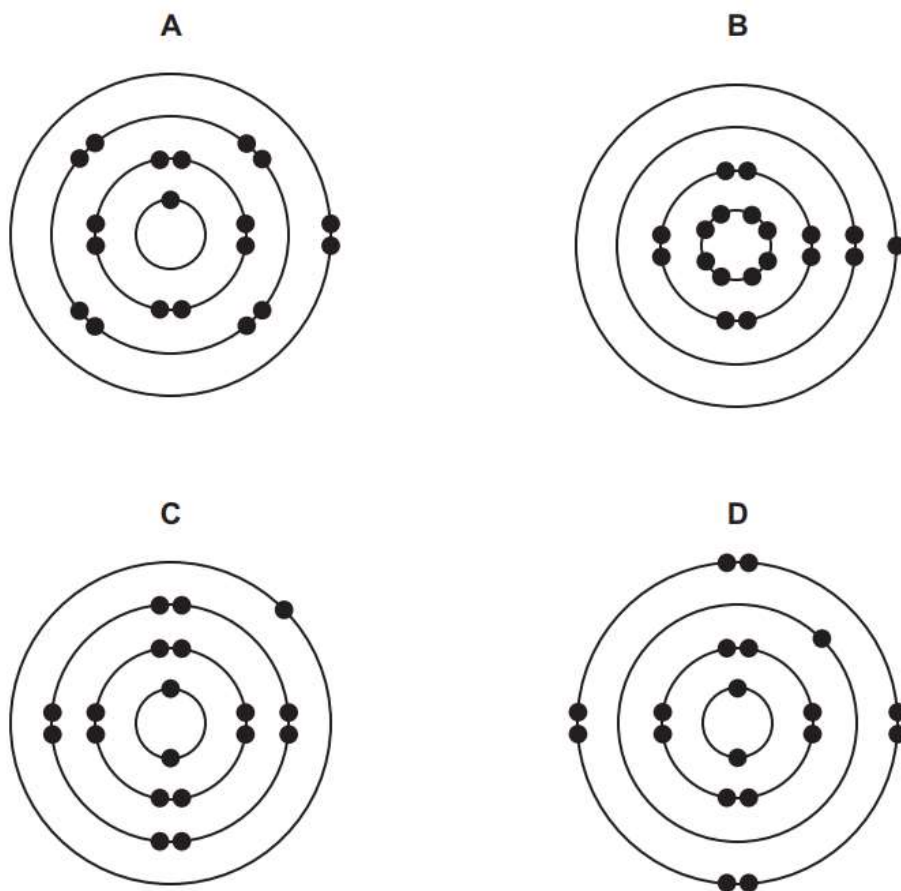
B P → R → Q

C R → P → Q

D R → Q → P

- 16 The atomic number of potassium is 19.

What is the electronic structure of a potassium atom?

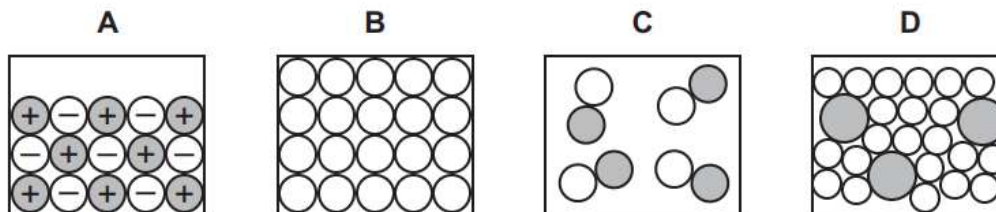


17 A rock contains three ores, galena (PbS), copper pyrites (CuFeS₂) and cinnabar (HgS).

How many metals are present in this rock?

- A** 3 **B** 4 **C** 5 **D** 8

24 Which diagram represents the structure of an alloy?



33 When a substance changes state, it releases latent heat of fusion.

What is the change of state?

- A** gas to liquid
B liquid to gas
C liquid to solid
D solid to liquid

End of Semester 1 Examination Revision Questions Set #2