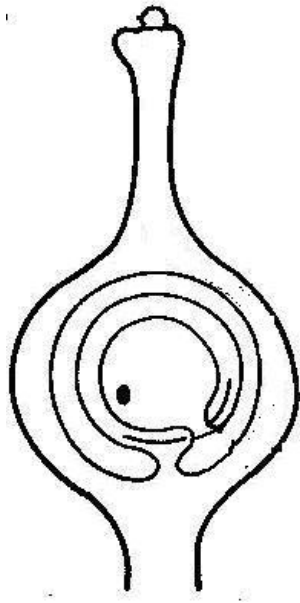


1. *Figure 1* shows a structure in plant.



Male gamete

Explain the formation of seed starting from when the male gamete falls on stigma.

.....

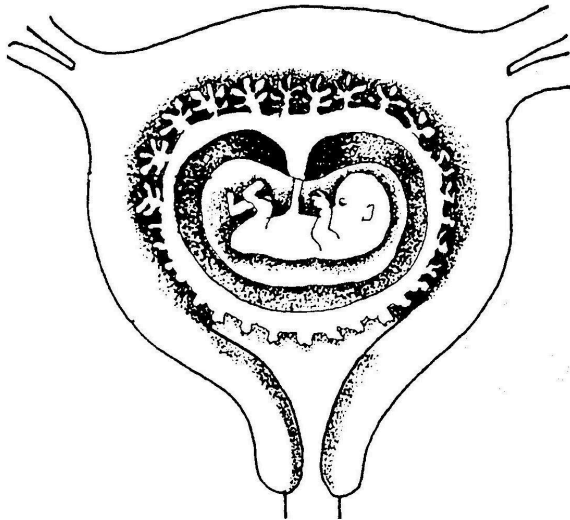
.....

.....

**[3 marks]**

*Figure 1*

2. *Figure 2* shows a structure in female reproductive system



Explain the development of X starting from the fertilization process.

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.....

.....

.....

[3 marks]

**X**

Figure 2

3. Figure 3 shows an experiment of reaction between Iron filings with oxygen.

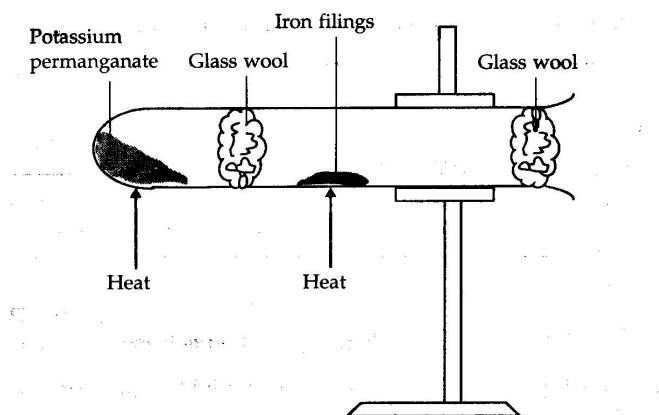


Figure 3

1. What is the purpose of using Potassium permanganate?

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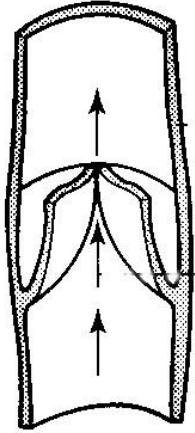
[1mark]

2. Write the word equation for the experiment.

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[2 marks]

4. *Figure 4* show a cross section of a blood vessel. Explain the flow of blood from P to Q?



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[3 marks]

Q

P

*Figure 4*

5. *Figure 5* show endoskeleton of a horse. Explain the importance of Pectoral girdle to the horse support system?

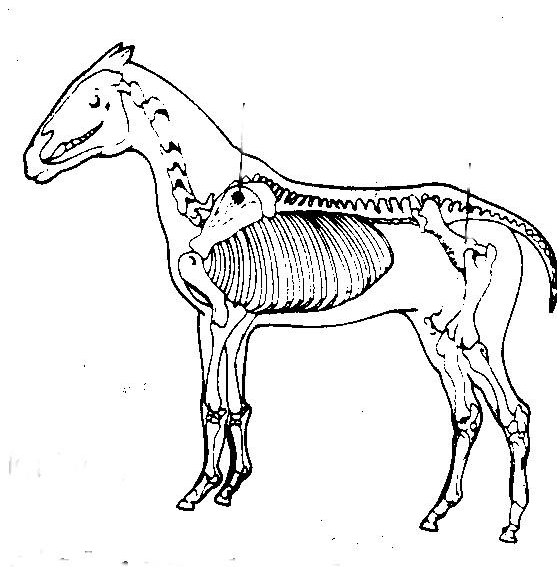
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[3 marks]



**Pectoral girdle**

*Figure 5*

6. *Figure 6* shows a cross section of an eye. Explain the route of the image from the retina starting from A

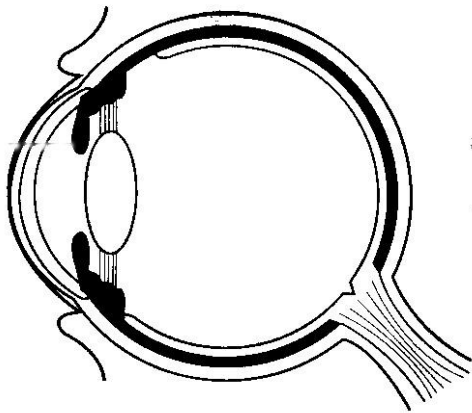
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[3 marks]



A

Figure 6

5. Figure 5 show an experiment on electrolysis of water. Explain the reaction starting from the decomposing of water into the two gases in test tube A and test tube B

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[3 marks]

Test tube B  
Test tube A

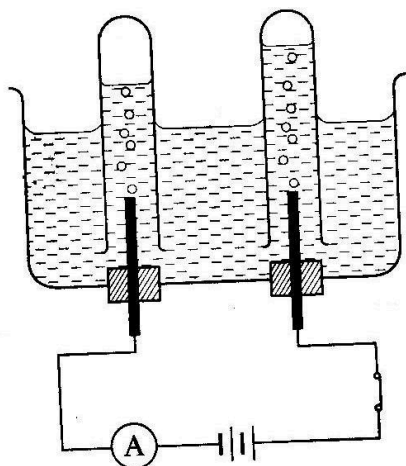


Figure 5

6. Figure 6 shows a distillation process of a crude oil.

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[3 marks]

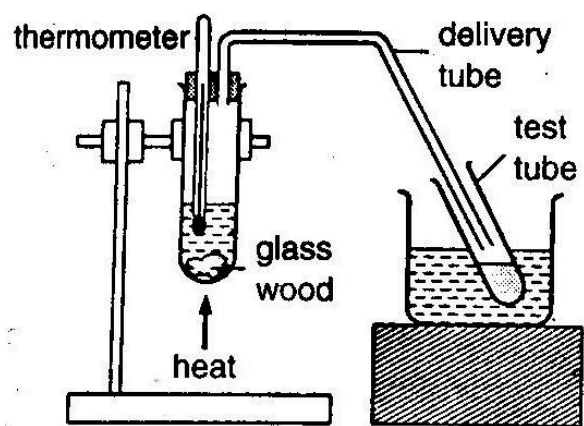


Figure 6



