

# Haemostasis

## Revision Questions

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# Question 1

- List the events that takes place after injury to a blood vessel to arrest the bleeding.

[10 marks]

## Question 2

- Briefly describe the role of following in relation to haemostasis
  - Platelets [25 marks]
  - von Willebrand factor [15 marks]
  - Liver [15 marks]
  - Vitamin K [15 marks]

## Question 3

- Describe the extrinsic, intrinsic and common pathways of clotting

[30 marks]

## Question 4

Outline the pathophysiological basis for the following.

- Petechial haemorrhages in a child with idiopathic thrombocytopaenic purpura. [25 marks]
- Haemarthrosis in a patient with haemophilia B. [25 marks]

## Question 5

- Describe the mechanisms that operate in humans to prevent abnormal intravascular thrombosis

[20 marks]

## Question 6

- Give one example each for the following and outline their mechanism of action
  - Anticoagulant [10 marks]
  - Antiplatelet drugs [10 marks]
  - Fibrinolytic agents [10 marks]