



SUBJECT: **Geography**
DATE: 22nd May 2026
TIME: 9:00 a.m. to 12:05 p.m.

Directions to Candidates

Answer a total of **FOUR** questions: **TWO** questions from **each** of the two sections.
The use of non-programmable calculators is permitted. **ALL** questions carry equal marks.

SECTION A: PHYSICAL GEOGRAPHICAL PROCESSES

1. Figure 1 shows a storm hydrograph.

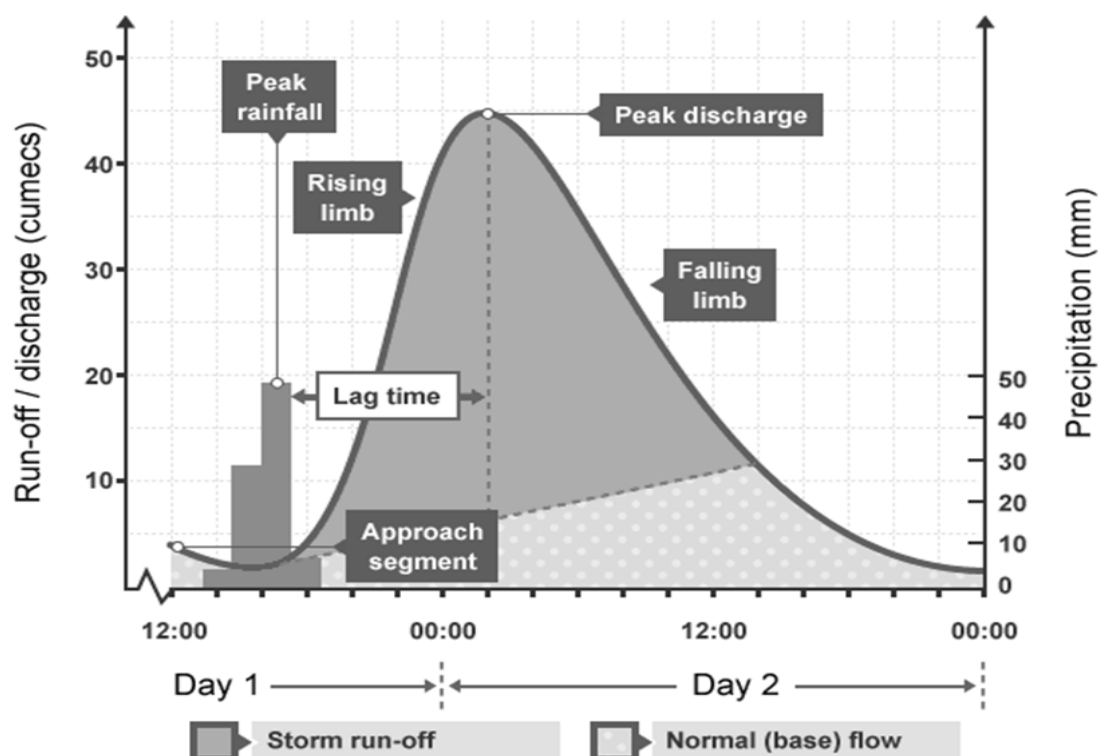


Figure 1: Storm Hydrograph
(Source: <https://www.bbc.co.uk/bitesize/guides/zv4r7nb/revision/1>)

- a) Define the following terms:
 - (i) Rising limb; (2)
 - (ii) Falling limb; (2)
 - (iii) Peak discharge; (2)
 - (iv) Lag time. (2)
- b) Explain **THREE** physical factors affecting hydrograph shape. (12)
- c) Briefly discuss how urbanisation can affect the discharge of a river during a storm. (5)

(Total: 25 marks)

Please turn the page.

2. a) Define the term natural hazards and give **TWO** examples. (5)
- b) Describe the causes of any **TWO** natural hazards. (12)
- c) Discuss how people respond to any **ONE** of the natural hazards described in b) above. (8)

(Total: 25 marks)

3. a) Define solar radiation budget. (3)
- b) With a diagram, explain how energy enters and leaves the Earth system. (10)
- c) Explain how changes in Earth's atmospheric composition lead to global warming. (6)
- d) Discuss **TWO** climatic effects of global warming on the Mediterranean Region. (6)

(Total: 25 marks)

4. Figure 2 shows a shore platform.



Figure 2: Shore platform at Xwejni, Gozo

- a) Explain the formation of a shore platform. Use diagrams to support your explanation. (15)
- b) Distinguish, with the help of diagrams, between constructive and destructive waves. (10)

(Total: 25 marks)

SECTION B: HUMAN GEOGRAPHICAL PROCESSES

5. Figure 3 is a map showing the location of the Grand Harbour.

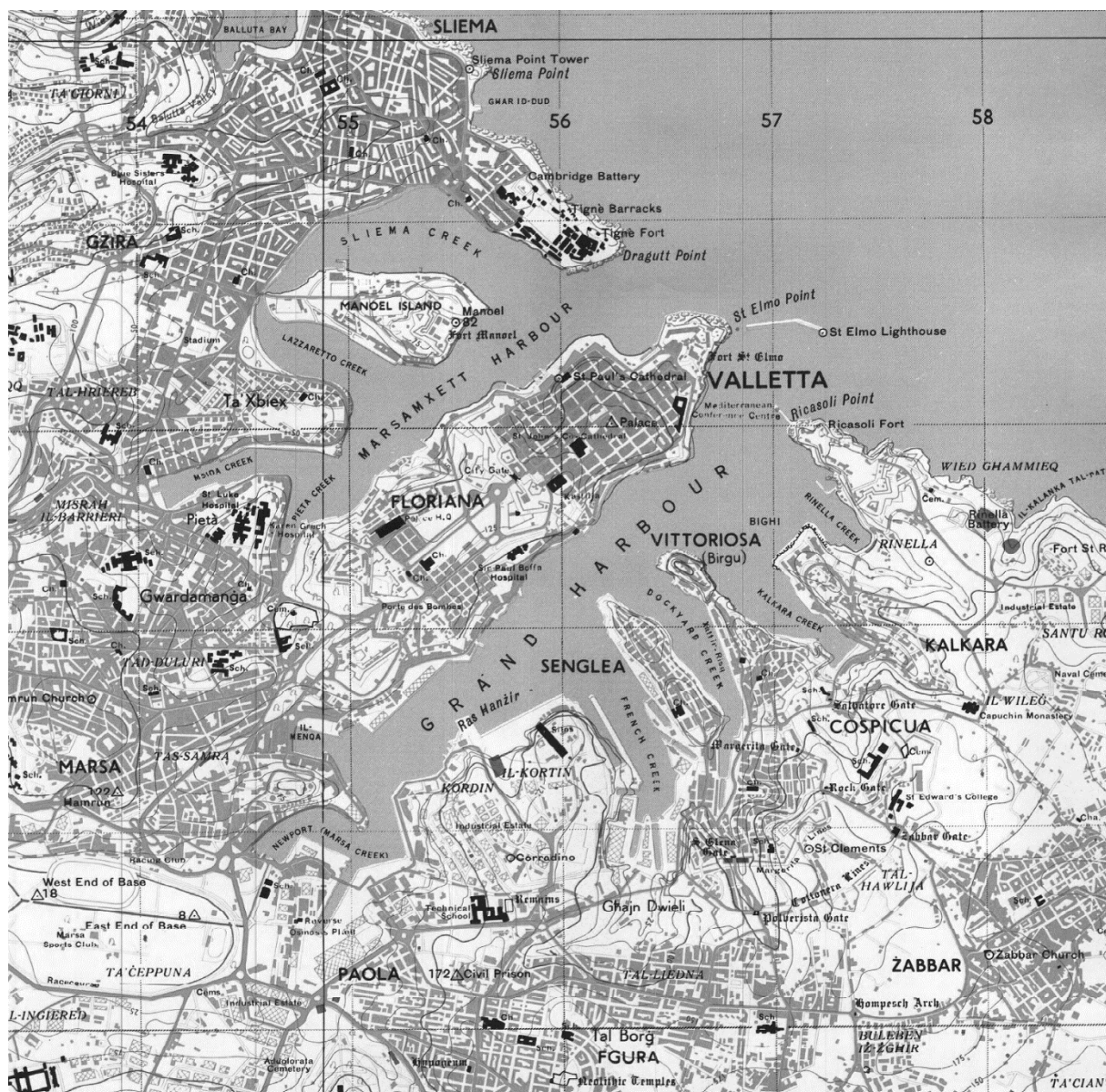


Figure 3: The Grand Harbour Region of Malta
(Source – Government of Malta)

- a) Define the terms
 - (i) site; and (2)
 - (ii) situation of a settlement. (2)
- b) Discuss **THREE** factors influencing the site of a settlement. (15)
- c) How has the natural topography of the area influenced the site of the Grand Harbour? (6)

(Total: 25 marks)

Please turn the page.

6. a) To what extent do environmental and human factors affect tourism in the Mediterranean? (15)
b) Explain, with examples, how mass tourism in some tourist hotspots is affecting locals. (10)

(Total: 25 marks)

7. a) Briefly differentiate between aquaculture and fishing. (5)
b) Discuss the economic and environmental importance of aquaculture. (12)
c) Explain **TWO** possible negative impacts of aquaculture on the environment. (8)

(Total: 25 marks)

8. a) Explain **THREE** damaging effects of quarrying on the environment. (9)
b) In recent times many softstone quarries in the Maltese Islands have been abandoned while hardstone quarries have increased production. Discuss. (10)
c) Describe **TWO** ways how abandoned/unused quarries are being rehabilitated. (6)

(Total: 25 marks)