

Grid Reference	Feature
W 03 55	River confluence
V 99 50	Headland
W 02 55	Oxbow lake
W 08 50	Tarn

Q.2 (i)	Process	Q.2 (ii)	
Letter		Chemical (✓)	Physical/Mechanical (✓)
C	Carbonation	✓	
A	Freeze-thaw action		✓
B	Exfoliation		✓
D	Hydrolysis	✓	

(i)

Letter	Term
D	Paired terraces
B	Incised meanders
A	Waterfall
C	Knickpoint

(ii)

Rejuvenation

(iii)

Isostatic uplift is where the level of the Earth's surface is raised by natural causes, such as tectonic activity. This may happen due to endogenic (internal forces) such as plate tectonics.

(i)

Letter	Coastal Feature
C	Sand bar
D	Tombolo
B	Lagoon
A	Sand spit

(ii)

(a) True

(b) True

(i)

Term	Letter
Faultline	C
Focus	E
Seismic wave	F
Epicentre	D
Liquefaction	B
Landslide	A

(ii) True

Q.6 (i)	Description of Region	Q.6 (ii)
Urban	A region with high population density, in cities and towns.	Berlin
Geomorphological	A region with a unique landscape based on rock type, structure or relief.	The Burren
Climatic	A region with unique temperate and precipitation characteristics.	Hot desert
Administrative	A region involved in governing the functions and organisation of an area.	Co. Leitrim

- (i) W 006 533
- (ii) 8.1 km
- (iii) Star-shaped fort
- (iv) 18 km²

Feature on Street Map	Location on Aerial Photograph
A – Commercial Building	Centre Foreground
B – Town square	Centre Middleground
C – Pier	Right Foreground
D – Community College	Right Background
E - Housing	Left Middleground

- (i) Mealagh River
- (ii) Concave slope
- (iii) Glanaclougha Loop
- (iv) Coniferous woodland

- (i) Co. Mayo
- (ii) 4
- (iii) $1,424 - 1,278 = 146$ hours of sunshine
- (iv) Isohels

- (i) 1,070 hectares
- (ii) 2020
- (iii) $2,273 - 959 = 1,314$ hectares
- (iv) Afforestation, or replanting forests, allows for greater air quality and oxygen production. Trees take in carbon dioxide (CO_2) and produces oxygen (O_2), needed to sustain human life.

Description	Letter
Cutaway peatlands, Ireland	C
Meltwater pond on Greenland glacier	B
Farmland along the Nile Floodplain	A
Flooded rice fields, Louisiana	D