

# MarkingScheme

## LC Rock Exam Qs

### Question 1 (2017)

(i)	<b>A</b>	Igneous rock	2 marks
	<b>B</b>	Sedimentary rock	2 marks
(ii)	<b>C</b>	Metamorphic rock	2 marks
		One Irish location	2 marks
(iii)		Valid explanation	2 + 2 marks
(iv)		Valid explanation	2 + 2 marks
(v)		Valid explanation	2 + 2 marks

### Question 2 (2016)

#### B. Rocks

Explain the formation of **one** igneous rock and **one** metamorphic rock, with reference to Irish examples.

[30m]

One Irish igneous rock named	2 marks
One Irish metamorphic rock named	2 marks
Explanation of formation of igneous rock	6/7 x SRP's
Explanation of formation of metamorphic rock	6/7x SRP's

- Credit relevant labelled diagram for 1 x SRP for each rock.
- Credit extra relevant information on labelled diagram to a max of 1 x SRP in total.
- Diagram without labelling 0 marks.
- Focus of the question is on the formation of the rocks.
- Max 1 x SRP (for each rock) if no reference to formation of the rocks but merely a description of the rocks.
- Question tied to Irish examples.
- If only one rock dealt with max 7 x SRP's.
- Where explanation of formation of more than one igneous/metamorphic rock given, mark all and award the highest mark.

### Question 3 (2016)

Q.4	(i)	Sand	1m	Quartzite	1m	Q.10	(i)	Finland	2m
		Shells etc.	1m	Marble	1m		(ii)	19	2m
		Magma	1m	Gneiss	1m		(iii)	Two valid answers 1+1m	
	(ii)	(a) Basalt	1m				(iv)	Two valid answers 1+1m	
		(b) Limestone	1m						

## Question 4 (2015)

---

[30m]

Irish examples of sedimentary rocks 2 + 2 marks

Explanation of formation 13 x SRPs

- Credit relevant labelled diagram for 1 x SRP.
- Credit extra relevant information on labelled diagram for 2 x SRPs.
- Diagram without labelling 0 marks.
- Credit 2 named associated Irish locations for 2 x SRPs from the explanation. Location must be linked to named rock.
- Max 2 x SRPs if merely a description of sedimentary rocks with no reference to formation.
- The examination need not be confined to the two named rocks. A general account of the formation of sedimentary rocks is acceptable.
- The focus of the question is on the formation of sedimentary rock.

## Question 5 (2015)

---

[30m]

Examination

15 x SRPs

- Credit 2 x SRPs for examples from examination.
- Credit relevant labelled diagram for 1 x SRP.
- Credit extra relevant information on labelled diagram for 2 x SRPs.
- Diagram without labelling 0 marks.
- Question not tied to Ireland.
- Discussion may positive or negative.

## Question 6 (2014)

---

### **B. Rocks**

Explain the formation of igneous rocks with reference to Irish examples.

[30m]

Two Irish igneous rocks named 2 + 2 marks

Explanation of formation 13 x SRPs

- Credit relevant labelled diagram for 1 x SRP.
- Credit extra relevant information on labelled diagram for 2 x SRPs.
- Diagram without labelling 0 marks.
- Credit 3<sup>rd</sup> named igneous rock for 1 x SRP.
- Max 2 x SRPs if merely a description of igneous rocks with no reference to formation.

## Question 7 (2013)

---

Name two metamorphic rocks

2 + 2 marks

Explanation

13 x SRPs

- Credit relevant labelled diagram for 1 x SRP
- Credit extra relevant information on labelled diagram for 2 x SRPs
- Credit 3<sup>rd</sup> named metamorphic rock for 1 x SRP
- Diagram without labelling 0 marks.

## Question 8 (2014)

---

### C. Rocks and Landscapes

Examine how different rock types produce distinctive landscapes, with reference to examples that you have studied.

Rock 1 and assoc. landscape named 2 + 2 marks

Rock 2 and assoc. landscape named 2 + 2 marks

Examination 11 x SRPs

- Question not tied to Ireland.
- Credit 1 x SRP for relevant labelled diagram.
- Credit extra relevant information on labelled diagram for 2 x SRPs.
- Diagram without labelling 0 marks.
- Description of either the rock or the landscape with no reference to the relationship between rock and landscape max 2 x SRPs.
- If only one rock and landscape examined max of 6 x SRPs.

## Question 9 (2013)

---

Q.6 (i) North/North North East  
(ii) N11  
(iii) Right Centre/Middle

Q.12 Sandstone-Sedimentary-Mts Munster-Quartzite  
Granite-Igneous-Wicklow Mts-Gneiss

Question 10 (2012)

---

[30m]

Name one sedimentary rock	2 marks
Name the metamorphic rock	2 marks
Formation of sedimentary rock	11 x SRPs
Formation of metamorphic rock	2 x SRPs

- Credit relevant labelled diagram for 1 x SRP
- Credit extra relevant information on labelled diagram for 2 x SRPs
- Diagram without labelling = 0 marks
- Credit 2 x SRPs for description of sedimentary rock when only a description of sedimentary rock is given

Question 11 (2012)

---

[20m]

5 Parts @ 4 marks each

(i)	<b>A - Sedimentary</b>	2 marks
	Example	2 marks
(ii)	<b>B - Metamorphic</b>	2 marks
	Example	2 marks
(iii)	<b>C - Any valid example</b>	4 marks
(iv)	<b>D - Any valid example</b>	4 marks
(v)	<b>Any valid explanation</b>	2 + 2 marks

Question 12 (2011)

---

[30m]

Interaction identified	2 marks
Example	2 marks
Economic benefit identified	2 marks
Discussion	12 x SRPs

- Give credit for 1 SRP for 2<sup>nd</sup> example from discussion
- Give credit for 1 SRP for a 2<sup>nd</sup> economic benefit from discussion
- All other economic benefits must be discussed for SRPs
- Question is not tied to Ireland
- Credit relevant diagrams with extra information.

Question 13 (2011)

---

Q.3 Dingle way/R560  
N86  
Q 446 007  
North /NNE

Q.9 B  
A  
D  
C

Question 14 (2010)

---

Q4 (i) River Suir

Q9 (i) Basalt  
Granite  
(ii) 1  
2

Question 15 (2009)

---

Interaction identified: 2 marks  
Discussion: 14 x SRPs

➤ Give credit for up to two examples of location.

Question 16 (2009)

---

Four answers @ 5 marks each  
No grading / scaling of marks.

- (i) A = Sedimentary
- (ii) Any valid example
- (iii) B = Metamorphic
- (iv) Granite / or any other intrusive igneous rock

Question 17 (2009)

---

Q3 West to North West  
Oblique  
Spring/Summer/Autumn  
Tree Cover/Low Shadows

Q9 D  
B  
C  
A

Question 18 (2008)

---

Granite Basalt Limestone Quartzite

[20m]

Four answers @ 5 marks each  
➤ No grading / scaling of marks.

## Question 19 (2006)

---



Four sections @ 5 marks each

- No grading / scaling of marks