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Level 3 Geography, 2019

91429 Demonstrate understanding of a given environment(s) through selection and application of geographic concepts and skills

9.30 a.m. Tuesday 19 November 2019 Credits: Four

Achievement	Achievement with Merit	Achievement with Excellence
Demonstrate understanding of a given environment(s) through selection and application of geographic concepts and skills.	Demonstrate in-depth understanding of a given environment(s) through selection and application of geographic concepts and skills.	Demonstrate comprehensive understanding of a given environment(s) through selection and application of geographic concepts and skills.

Check that the National Student Number (NSN) on your admission slip is the same as the number at the top of this page.

You should attempt ALL the questions in this booklet.

Pull out Resource Booklet 91429R from the centre of this booklet.

If you need more room for any answer, use the extra space provided at the back of this booklet.

Check that this booklet has pages 2–12 in the correct order and that none of these pages is blank.

YOU MUST HAND THIS BOOKLET TO THE SUPERVISOR AT THE END OF THE EXAMINATION.

TOTAL

QUESTION ONE: Solar energy potential in Italy

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Refer to **Resources A–I** on pages 4–9 of the resource booklet, and demonstrate your understanding of a range of geographic skills, when answering this question.

Comprehensively analyse how the environment (natural and/or cultural) makes parts of Italy suitable for the generation of solar energy.				

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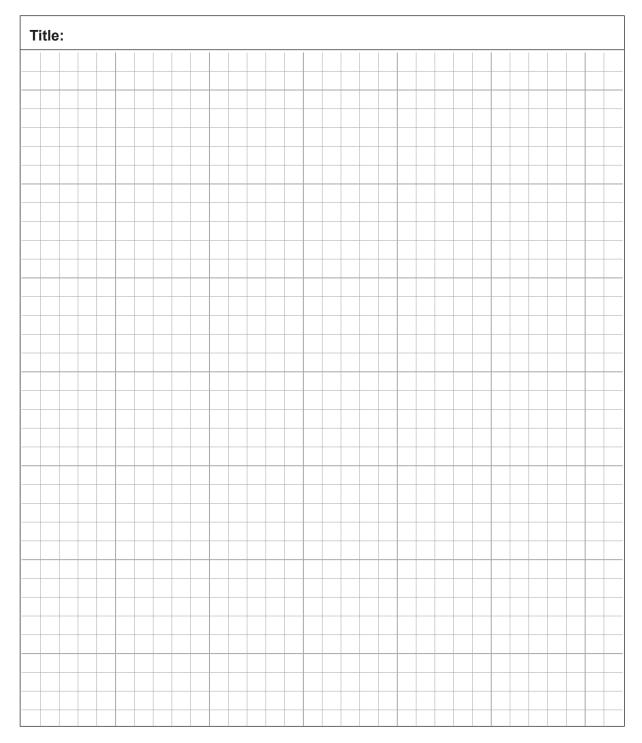
QUESTION TWO: Italy's changing energy demands

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Refer to **Resources J–M** on pages 10 and 11 of the resource booklet, when answering this question.

- (a) Identify the type of electricity generation within Italy that has increased by the highest percentage from 2010 to 2016.
- (b) Using the data from the **Resource L** table, construct the most appropriate graph to show the changes in wind and solar power electricity generation from 2010 to 2016.

Use correct graphing conventions in your answer.



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Comprehensively analyse 2016.	e the changes in Italy's electric	city generation methods from 201	0 to
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QUESTION THREE: Sustainability

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Refer to **Resources A–Q** on pages 4–14 of the resource booklet, and the concept of sustainability on page 2 of the resource booklet, when answering this question.

'Solar power is critical in ensuring the long-term sustainability of Italy's environment.'

Critically evaluate the positive and negative impacts on the natural and/or cultural environment of solar farms to come to a justified conclusion about the future of solar power generation in Italy.					

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