

91243



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SUPERVISOR'S USE ONLY

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Level 2 Geography 2020

91243 Apply geography concepts and skills to demonstrate understanding of a given environment

2.00 p.m. Friday 27 November 2020
Credits: Four

Achievement	Achievement with Merit	Achievement with Excellence
Apply geography concepts and skills to demonstrate understanding of a given environment.	Apply geography concepts and skills with precision to demonstrate in-depth understanding of a given environment.	Apply geography concepts and skills with precision to demonstrate comprehensive understanding of a given environment.

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 91243R 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

ASSESSOR'S USE ONLY

INSTRUCTIONS

Refer to the resource booklet before answering the question in this booklet.

Parts (a) to (c) and the related resources should enable you to gain an understanding of the Ganges River. In part (d) you are required to explain how different perspectives lead to different viewpoints on the sustainability of the Ganges River.

Space is provided on page 8 to help you plan your answer to (d).

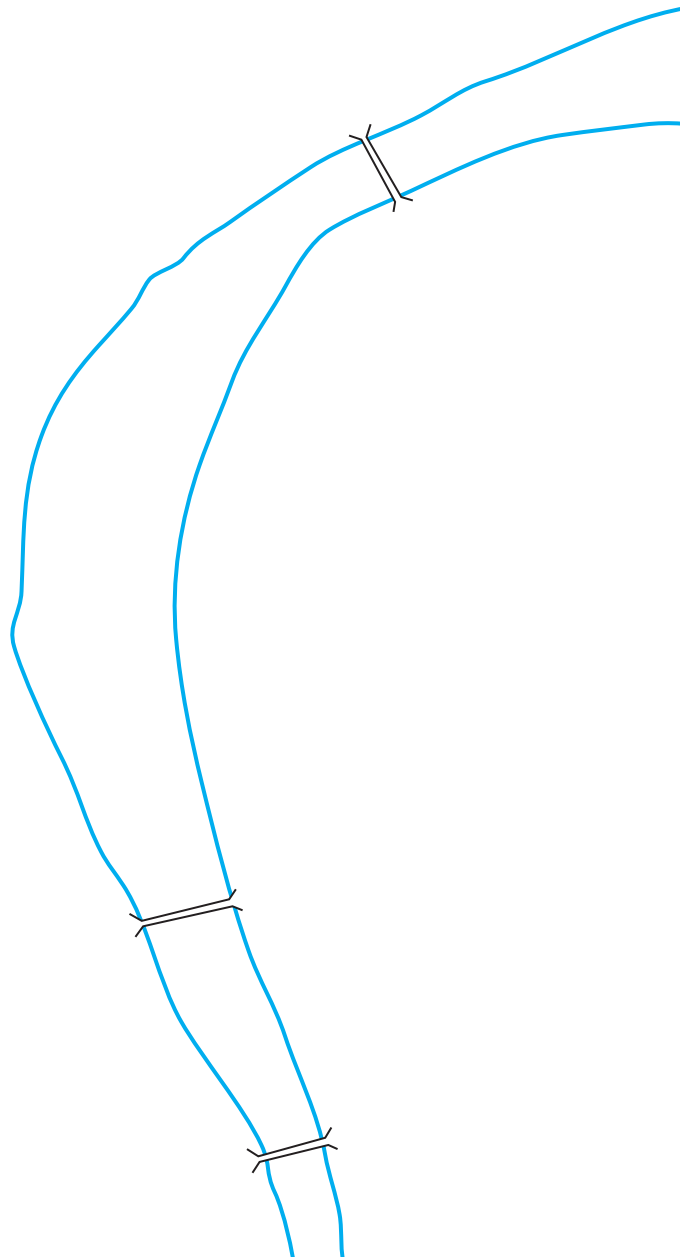
QUESTION**(a) Précis map of Varanasi, a holy city**

- (i) Refer to **Resource A** (Figures 1–4) on pages 6 and 7 of the resource booklet.

In the frame on the opposite page, complete a précis map of the area shown in the satellite image of Varanasi in Figure 1. On your map, you should:

- Accurately locate and label the following features:
 - (1) the area of exposed silt on the eastern side of the river that is due to low water flow
 - (2) the Banaras Hindu University grounds
 - (3) the section of the river bank on which the ghats (steps down to the river to bathe for religious purposes) are located
 - (4) the main or concentrated area of temples and shrines.
 - Label the Ganges River and show the direction of its flow.
 - Give your map an appropriate scale. The area of the Banaras Hindu University grounds is 3 km by 1.6 km.
 - Provide a title, use appropriate symbols and key, and include the north direction.
- (ii) Referring to your précis map and Figures 1–4, what evidence is there to suggest that the Ganges River is important to Hindus for religious purposes?

Title:



Key:

Bridge



River bank



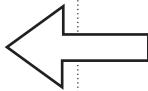
(b) **People's interaction with the Ganges River**

- (i) Refer to
- Resource B**
- on pages 8 and 9 of the resource booklet.

One example of a way in which people use the Ganges is shown in the diagram below. Using specific information from Resource B, complete the rest of the diagram.

You should:

- Identify:
 - TWO more ways in which people use the Ganges, and
 - TWO ways people affect the Ganges and/or its groundwater.
- Use arrows to show how people either use or affect the Ganges and use colour to show whether it can be considered a positive or negative relationship.
- Give the diagram an appropriate title and complete the key.

Title:		
PEOPLE	INTERACTION	THE GANGES
Ways people use the Ganges		
<i>The water is used for domestic and industrial use in 50 cities, such as New Delhi.</i>		<i>784 dams and 66 canals take water from the Ganges.</i>
Ways people affect the Ganges and/or its groundwater		
Key		

- (ii) Refer to the geographic concept of **interaction** on page 3 of the resource booklet.

Copy the specific sentence relating to interaction that best describes your diagram opposite.

Please turn over ►

(c) **Graph interpretation of pollution**

Refer to **Resource C** on page 10 and 11 of the resource booklet for all of (i)–(iv).

- (i) Using specific information from Figures 5 and 6, describe the faecal coliform bacteria levels at Varanasi.

- (ii) Using specific information from Figure 7, describe the change in faecal coliform bacteria levels from the source of the Ganges to the delta.

- (iii) Using evidence from Figure 7, explain the change in the level of faecal coliform bacteria between cities.

- (iv) Using evidence from Figure 7, explain whether the building of sewage treatment stations between 2007 and 2011 was a successful project.

Please turn over ►

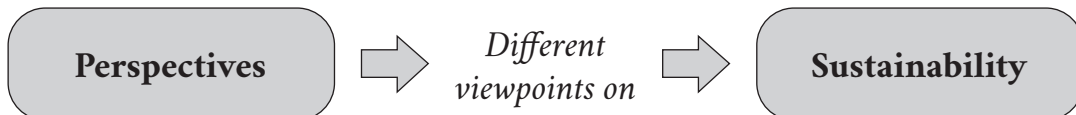
(d) **How different perspectives lead to different viewpoints on sustainability**

Explain how different perspectives lead to different viewpoints on the sustainability of the Ganges River.

Relevant perspectives include religious, environmental, economic, and scientific.

In your answer, refer to and integrate information from:

- the geographic concepts of **perspectives** and **sustainability** on page 3 of the resource booklet
- **Resource D** and all other resources, and
- information from your answers in parts (a) to (c).



PLANNING

Extra space if required.
Write the question number(s) if applicable.

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QUESTION
NUMBER

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