

Practice Paper 1 (HL)

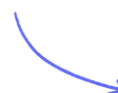
Instructions to Candidates:

- Answer all questions.
- Refer to the resource booklet which accompanies this question paper.
- A calculator is required for this paper.

Materials (Enclosed)

- [Resource Booklet](#)

Scan here to return to the course
or visit savemyexams.com



Total Marks

/70

2 (a) With reference to **Figure 2(a)**, calculate the doubling time of the urban population in Nepal.

..... (1 mark)

(b) Outline **two** possible reasons why the urban population growth rate is higher than Nepal's total population growth rate.

.....
..... (2 marks)

(c) Describe **two** potential environmental impacts caused by the rapid population growth in Kathmandu.

.....
..... (2 marks)

(d) With reference to **Figure 2(b)**, identify Nepal's stage on the demographic transition model (DTM).

..... (1 mark)

3 (a) With reference to **Figure 3(a)**, identify the main source of energy used in Nepal.

..... (1 mark)

(b) Using **Figure 3(c)**, calculate the percentage increase in Nepal's total energy consumption between 2000 and 2023.

..... (1 mark)

(c) Evaluate Nepal's energy policy.

.....
.....
.....
.....
.....
.....
..... (6 marks)

4 (a) Using **Figure 4(c)**, state the number of months per year that PM2.5 levels in Kathmandu exceed the WHO 24-hour exposure guideline.

..... **(1 mark)**

(b) Outline why Kathmandu has higher levels of PM2.5 between November and February.

.....
.....
..... **(3 marks)**

(c) Outline how activities outside Nepal can contribute to PM2.5 levels within Kathmandu.

.....
..... **(2 marks)**

(d) Describe how PM2.5 levels in Kathmandu could be managed.

.....
.....
.....
..... **(4 marks)**

5 (a) With reference to **Figures 5(a)** and **5(b)**, outline **three** potential environmental problems associated with the Sisdol open-air landfill in Nepal.

.....

.....

.....

(3 marks)

(b) Evaluate the sustainability of waste management in the Kathmandu valley.

.....

.....

.....

.....

.....

.....

(6 marks)

6 (a) Outline **two** ways that Kathmandu could improve water security.

.....
..... **(2 marks)**

(b) Identify **one** issue that could stop the improvement of the water supply in Kathmandu.

..... **(1 mark)**

(c) Outline **two** factors that may increase the risk of flash flooding in Kathmandu.

.....
..... **(2 marks)**

7 (a) With reference to **Figure 7(a)**, describe the pattern of forest cover change.

.....
..... **(2 marks)**

(b) Identify **one** economic value of Nepal's forests as natural capital.

..... **(1 mark)**

(c) Evaluate the use of the protected areas shown in **Figure 7(b)** for conserving biodiversity in Nepal.

.....
.....
..... **(3 marks)**

8 (a) Using **Figure 8(a)**, construct a food chain with **four** trophic levels.

.....
..... (2 marks)

(b) Describe **three** methods to confirm the presence of White-rumped vultures in Nepal.

.....
.....
..... (3 marks)

(c) Outline **two** reasons why the continued survival of the White-rumped vulture is at risk.

.....
..... (2 marks)

(d) Outline **one** reason why the White-rumped vulture could be considered a flagship species.

..... (1 mark)

10 (a) State a method that can be used to assess living standards as shown in **Figure 10**.

..... (1 mark)

(b) Discuss the extent to which the Gross National Happiness (GNH) Index can help governments manage trade-offs between economic growth, environmental protection and social well-being?

..... (6 marks)