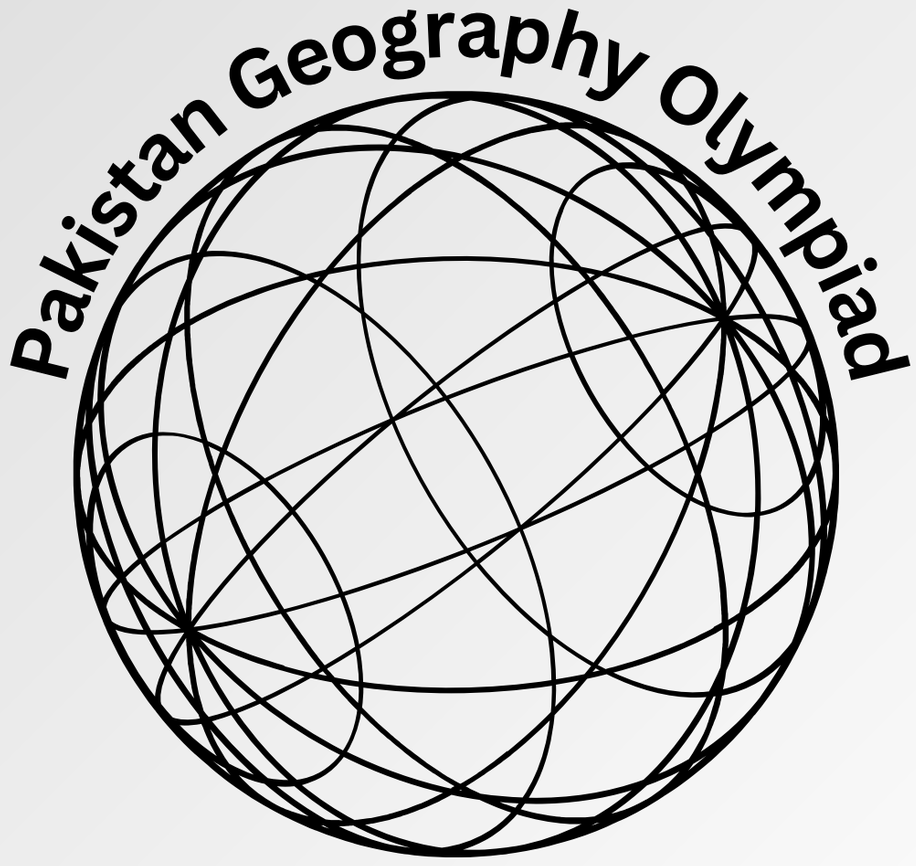
2024 PAKISTAN GEOGRAPHY OLYMPIAD



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INTRODUCTION

Welcome to the Pakistan Geography Olympiad (PGO), where exploration meets intellect! PGO is more than a competition; it's a journey of geographic discovery for high school and pre-university students nationwide.

Through dynamic challenges and real-world scenarios, participants delve into the diverse landscapes, cultures, and phenomena shaping our world. Join us as we nurture critical thinking, foster collaboration, and inspire a new generation of informed global citizens.

PGO 2024

Topics:

General geography
Physical geography
Human geography
Geography of the Area
Environmental management
Global Issues

Eligibility

The Pakistan Geography Olympiad is designed to be accessible to secondary school and pre-university students, welcoming participants between the ages of 13 and 18 years old.

Why Participate?

It's not just a competition; it's a gateway to understanding our planet's diverse landscapes, cultures, and environments. By participating, students dive deep into geography, sharpening their spatial analysis skills and exploring real-world scenarios. PGO is where passion meets knowledge, where students connect with peers, and where global citizens are born.

OBJECTIVES

The Pakistan Geography Olympiad is organized with several primary goals that resonate with the broader educational objectives of fostering geographic understanding and spatial awareness among young minds. These goals encompass:

1. Promoting Geographic Literacy: PGO aims to enhance geographic literacy among high school and pre-university students by fostering a deep understanding of geographical concepts, phenomena, and processes.

2. Encouraging Critical Thinking: PGO encourages participants to think critically about the complexities of the world around them, including spatial relationships, environmental issues, cultural diversity, and geopolitical dynamics.

3. The Olympiad challenges students to apply geographical knowledge and analytical skills to solve real-world problems and scenarios, preparing them to address global challenges and contribute meaningfully to society.

PAST EVENTS

DATES →

25th-28th JUNE

Format

- The Pakistan Geography Olympiad is conducted online with each participating school overseeing the competition, under the supervision of a designated Teacher-In-Charge.
- Each category consists of a set of multiple choice questions.

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SAMPLE QUESTIONS

5. **The ridges indicated with arrows are:**

0/1 PUNT

- A arêtes
- B eskers
- C a hanging valley
- ✓ D lateral moraines

14. **On average, the greatest output from the wind farm shown in the diagram occurs during:**

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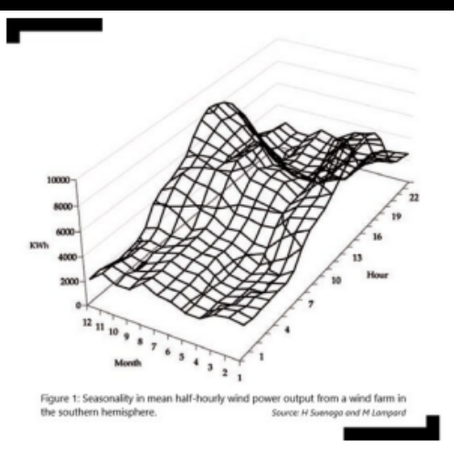


Figure 1: Seasonality in mean half-hourly wind power output from a wind farm in the southern hemisphere. *Source: H Suenaga and M Lampard*

- A autumn evenings
- B spring evenings
- ✓ C summer afternoons
- D winter afternoons

20. What explains the different colours of this salt pond?

0/1 PUNT

- ✓ A Alga that develop in middle- to high-salinity ponds.
- B Chemical treatments used to eliminate bacteria from the salt.
- C Protective canvas covering the ponds.
- D High concentration of shellfish.

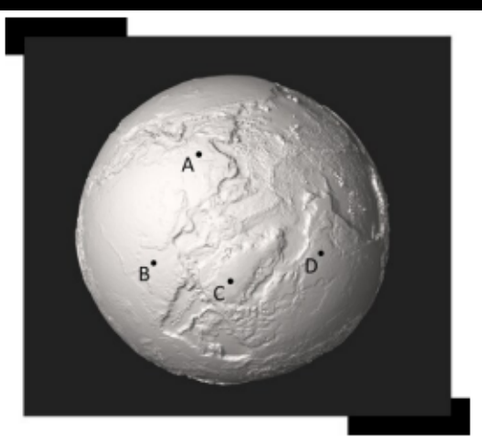
37. **This photograph taken from the ISS shows a part of which continent?**

0/1 PUNT

- A Asia
- B Africa
- C Central America
- ✓ D Oceania

40. The picture shows an exaggerated model of the topography of Earth without water.
Which of the four points marked A-D shows the location of Paris?

0/1 PUNT



- ✓ A A
- B B
- C C
- D D

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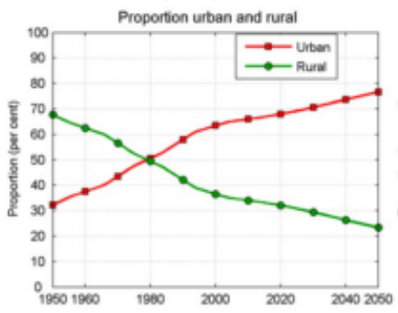
SAMPLE QUESTIONS

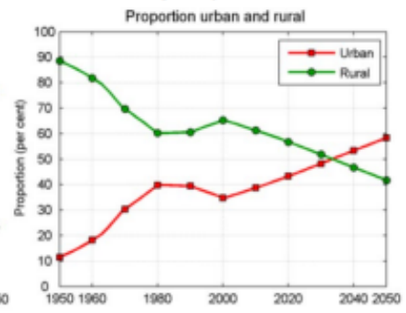
https://esa.un.org/Unpd/Wup/Country-Profiles/

Q 05 **Urban-rural country profiles of: Egypt, Kenya, Tunisia and Zambia (in alphabetic order). Which diagram corresponds to Kenya?**

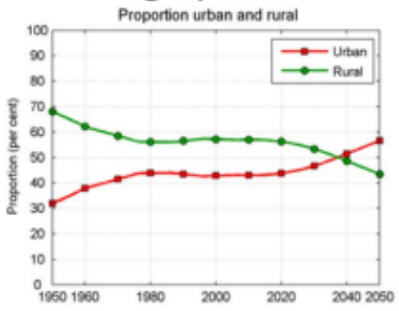
graph A



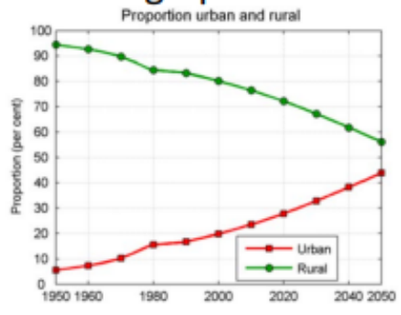
graph B



graph C



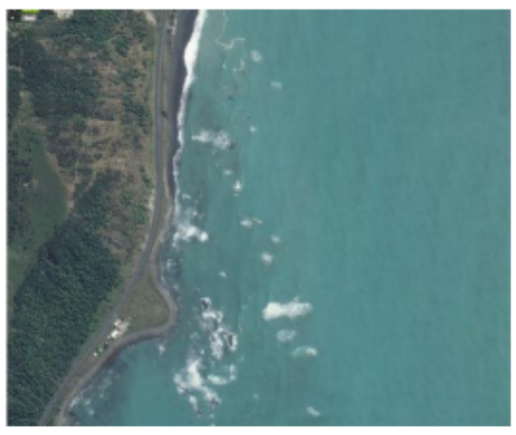
graph D



.03	graph A
.51	graph B
.29	graph C
.16	graph D

Q 06 **This phenomenon is a result of:**

before



after

.18	tsunami
.28	tectonic uplift
.04	coastal abrasion
.51	strong spring tide

Q 07 The table shows the storage and flow in the ecosystem of inorganic nutrients for savanna, temperate mixed forest, tropical desert and tropical rainforest.
What is the name of ecoregion 3?

	ecoregion 1	ecoregion 2	ecoregion 3	ecoregion 4
storage in soil (g/m²)	2680	40	35	2
storage in plants (above ground) (g/m²)	24	18	298	0.3
storage in plants (below ground) (g/m²)	9.7	3.5	8.0	0.5
storage in litter (g/m²)	1.5	2.0	4.0	traces
flow amount in litterfall (g/m²/y)	13.0	1.1	0.3	3.6

.13	savannah
.20	temperate mixed forest
.06	tropical desert
.60	tropical rainforest

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