

FREE PRACTICE PACK · EDITION 1

Class 9 General Knowledge Olympiad practice

16 original questions + explained answers

For students preparing for SOF IGKO.

Inside this pack

Eight topic-practice questions and an eight-question, 25-minute mini-mock.

Topics selected for practice

- India
- World affairs
- Science
- Environment
- Civic reasoning

How to use it

Try the practice first. Complete the mini-mock in one sitting. Check the explanations, mark mistakes, and retry them the next day.

This pack covers selected topics. It is original BodhiScore material, independent of SOF, and is not an official paper or a full-length exam. Check the official syllabus for the complete scope.

Topic practice

Work through these eight questions without a timer. Explain your choice before checking the solutions.

1. India

Which Schedule of the Indian Constitution lists recognised languages?

- | | |
|---------------------------|----------------------------|
| A. Eighth Schedule | B. First Schedule |
| C. Tenth Schedule | D. Twelfth Schedule |
-

2. World affairs

What does UNESCO chiefly promote?

- | | |
|--------------------------|--|
| A. Oil production | B. Military alliances |
| C. Sports leagues | D. Education, science and culture |
-

3. Science

What is the SI unit of electric current?

- | | |
|----------------|------------------|
| A. Ohm | B. Ampere |
| C. Volt | D. Watt |
-

4. Environment

What does sustainable development aim to balance?

- | | |
|--|---------------------------------|
| A. Cities and oceans | B. Imports and exports |
| C. Present needs and future needs | D. Only profit and speed |
-

Topic practice (continued)

5. India

Which body audits government accounts in India?

- | | |
|---|-------------------------------|
| A. NITI Aayog | B. Finance Commission |
| C. Comptroller and Auditor General | D. Election Commission |
-

6. Science

Which particle determines an element's atomic number?

- | | |
|-------------------|--------------------|
| A. Neutron | B. Electron |
| C. Photon | D. Proton |
-

7. World affairs

What is the purpose of the Geneva Conventions?

- | | |
|-----------------------------|--|
| A. Run elections | B. Protect people in armed conflict |
| C. Set trade tariffs | D. Measure climate |
-

8. Technology

What is two-factor authentication?

- | | |
|----------------------------------|--------------------------------|
| A. Two proofs of identity | B. Two passwords shared |
| C. Two devices bought | D. Two web pages |
-

Timed mini-mock

Set a 25-minute timer for these eight questions. Score 1 point per correct answer; there is no penalty for an incorrect answer. This is BodhiScore's practice scoring.

9. Environment

Which gas is the largest human-caused contributor to long-term global warming?

- | | |
|--------------------|--------------------------|
| A. Hydrogen | B. Carbon dioxide |
| C. Oxygen | D. Argon |
-

10. India

What does judicial review allow courts to examine?

- | | |
|--------------------------------|--|
| A. Only weather reports | B. School timetables |
| C. Sports rules | D. Whether laws follow the Constitution |
-

11. Science

Why does sound not travel through a vacuum?

- | | |
|---|-----------------------------|
| A. It needs particles to vibrate | B. It needs darkness |
| C. It moves too fast | D. Gravity blocks it |
-

Timed mini-mock (continued)

12. Civic reasoning

Why is an independent press important in a democracy?

- | | |
|-------------------------------|-----------------------------------|
| A. It chooses all laws | B. It replaces courts |
| C. It runs schools | D. It can scrutinise power |
-

13. World affairs

A map uses a Mercator projection. What distortion is most notable near poles?

- | | |
|---------------------------------|----------------------------|
| A. Directions reverse | B. Cities vanish |
| C. Areas appear enlarged | D. Oceans disappear |
-

14. Civic reasoning

A survey claims 'most students agree' but sampled only one club. What is its main weakness?

- | | |
|-----------------------------------|---------------------------|
| A. Unrepresentative sample | B. Too many facts |
| C. It has a title | D. It uses numbers |
-

Timed mini-mock (continued)

15. Environment

A reservoir is built upstream. Which downstream impact should planners assess first?

- A.** Library opening hours
 - B.** Phone signal strength
 - C.** Changes to water and sediment flow
 - D.** Colour of road signs
-

16. Science

A public-health poster asks people to wash their hands before handling food. How does this help?

- A.** It replaces the need for clean utensils
 - B.** It reduces microbes transferred to food
 - C.** It makes cooked food last forever
 - D.** It removes every microbe from the room
-

Answers and explanations

Check why the answer works, then retry any question you missed.

1. A - Eighth Schedule

The Eighth Schedule lists languages recognised by the Constitution.

2. D - Education, science and culture

UNESCO supports international cooperation in education, science, and culture.

3. B - Ampere

Electric current is measured in amperes, named after André-Marie Ampère.

4. C - Present needs and future needs

It meets current needs without damaging future generations' ability to meet theirs.

5. C - Comptroller and Auditor General

The CAG audits government accounts and reports to legislatures.

6. D - Proton

An element's atomic number equals the number of protons in its nucleus.

7. B - Protect people in armed conflict

They establish humanitarian protections during armed conflicts.

8. A - Two proofs of identity

It requires a second verification step in addition to a password.

9. B - Carbon dioxide

Carbon dioxide from burning fossil fuels is a major warming influence.

Answers and explanations (continued)

10. D - Whether laws follow the Constitution

Judicial review lets courts assess a law's constitutional validity.

11. A - It needs particles to vibrate

Sound is a mechanical wave and requires matter to transmit vibrations.

12. D - It can scrutinise power

Independent reporting can inform citizens and hold powerful institutions accountable.

13. C - Areas appear enlarged

Mercator maps greatly enlarge land areas toward the poles.

14. A - Unrepresentative sample

One club may not represent the views of all students.

15. C - Changes to water and sediment flow

Dams can alter downstream water supply, sediment, and ecosystems.

16. B - It reduces microbes transferred to food

Clean hands reduce the number of microbes passed to food. Clean utensils and safe food handling are still needed.

Topic scope checked against SOF syllabus: [SOF IGKO Class 9 syllabus](#)