

BTIA – BRAIN TRAINING INTELLIGENCE AGENCY

TOP SECRET FACT MISSIONS

The Ultimate Brain Adventure for Curious Kids

Welcome, Future Agent.

You have been selected by the **BTIA (Brain Training Intelligence Agency)** for a series of top-secret fact missions. Your mission: learn mind-blowing facts about the world, then use your knowledge to crack codes, solve puzzles, and complete challenges.

Each chapter is a mission. Read the facts carefully — your challenge at the end of each mission will test everything you have learned. Complete all missions to earn the rank of **TOP AGENT**.

JUNIOR AGENT



SENIOR AGENT



★ TOP AGENT ★

TOP SECRET

AGES 8 - 12

AGENT REGISTRATION

FILL IN YOUR DETAILS TO OFFICIALLY JOIN THE BTIA

• AGENT ID CARD – OFFICIAL BTIA DOCUMENT •

AGENT NAME (YOUR REAL NAME)

AGENT CODE NAME (MAKE ONE UP!)

AGE

DATE RECRUITED

FAVORITE SUBJECT AT SCHOOL

WHY DO YOU WANT TO BE A TOP AGENT?

CLEARANCE LEVEL: JUNIOR AGENT

Complete all missions to upgrade to TOP AGENT!

HOW TO USE THIS BOOK

1. Read every fact carefully — they will appear in your challenge!
2. Complete the Agent Challenge at the end of each mission.
3. Record your score in the Mission Score Box.
4. Finish all 11 missions to attempt the **Grand Final Exam**.
5. Earn 80%+ on the Final Exam to claim your **Top Agent Certificate!**

MISSION DOSSIER

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FINAL ASSESSMENT

FINAL

Grand Final Exam

All 11 Missions • 55 Questions • Top Agent Certificate

★★★

...

BACK

Answer Key & Top Agent Certificate

All Answers • Mission Score Tracker • Certificate

...

• MISSION 01 •

DEEP OCEAN

DIFFICULTY: ★★☆☆

MISSION BRIEFING

Agent, you are being deployed to the deepest parts of Earth's oceans. Your mission: absorb critical intelligence about marine life and ocean phenomena. Study these facts carefully — this knowledge will be essential for completing your challenge and advancing to the next mission.

TOPIC: OCEAN & MARINE LIFE

18 FACTS

MISSION STATUS: ACTIVE

AGENT TIP

As you read, try to remember **numbers and key words** — they will appear in your challenge. Good agents pay attention to details!

• MISSION 01: DEEP OCEAN — FACTS 1 TO 9 •

OCEAN INTELLIGENCE FILE

- 1** The ocean covers more than **70%** of Earth's surface, but we have only explored about **5%** of it. The rest remains a mystery even today!
- 2** The deepest point in the ocean is the **Mariana Trench**, at nearly **11,000 meters** (36,000 feet) deep — that's deeper than Mount Everest is tall!
- 3** An **octopus** has **three hearts, blue blood, and nine brains** — one central brain and one mini-brain in each arm.
- 4** The **Great Barrier Reef** in Australia is so large it can be seen from space. It stretches over **2,300 kilometers** and is the world's largest living structure.
- 5** **Jellyfish** have been around for over **500 million years** — that's before dinosaurs, and even before most fish first appeared on Earth!
- 6** A **blue whale's heart** is so big that a small child could crawl through its arteries. It's roughly the size of a **golf cart**.
- 7** **Sea otters hold hands** while they sleep so they don't drift apart in the water. This adorable behaviour is called **"rafting."**
- 8** The ocean produces over **50%** of the world's oxygen, mostly from tiny microscopic organisms called **phytoplankton**.
- 9** There are more than **3 million shipwrecks** lying on the ocean floor around the world — many of them never found or explored by humans.

• MISSION 01: DEEP OCEAN — FACTS 10 TO 18 •

CONTINUED: OCEAN INTELLIGENCE

- 10** A group of flamingos is called a **“flamboyance,”** but a group of jellyfish has an even better name — a **“smack!”**
- 11** The longest mountain range on Earth is not on land — it is the **Mid-Ocean Ridge**, an underwater range stretching over **65,000 kilometers**.
- 12** **Dolphins sleep** with **one eye open** and half their brain awake, so they can keep watch for predators even while resting.
- 13** The ocean’s average depth is about **3,688 meters** (12,100 feet) — that’s deeper than **10 Eiffel Towers** stacked on top of each other.
- 14** **Coral reefs** support about **25% of all marine species**, even though they cover less than **1%** of the ocean floor. They are the rainforests of the sea!
- 15** Some deep-sea creatures, like the **anglerfish**, make their own light through a process called **bioluminescence**. The ocean has its own natural night-lights!
- 16** A **sea turtle** can hold its breath for up to **5 hours** underwater by dramatically slowing down its heart rate.
- 17** The pressure at the bottom of the **Mariana Trench** is over **1,000 times** greater than at the ocean’s surface — like having 50 jumbo jets stacked on top of you!
- 18** **Starfish** have neither brains nor blood. Instead of blood, they use **filtered sea water** to pump nutrients through their bodies.

• MISSION 01: DEEP OCEAN — AGENT CHALLENGE •

AGENT CHALLENGE**OCEAN INTELLIGENCE TEST**

Answer these questions using what you learned in Mission 01. For Part A, circle the correct letter. For Part B, circle TRUE or FALSE.

PART A – QUICK FIRE (CIRCLE THE CORRECT ANSWER)

1. How much of the ocean have humans explored?
☐ a) 50% ☐ b) 5% ☐ c) 25%
2. How many hearts does an octopus have?
☐ a) 1 ☐ b) 2 ☐ c) 3
3. What do sea otters do while sleeping so they don't drift apart?
☐ a) Sing ☐ b) Hold hands ☐ c) Float on their backs
4. What is a group of jellyfish called?
☐ a) A smack ☐ b) A flock ☐ c) A school
5. The longest mountain range on Earth is:
☐ a) The Himalayas ☐ b) The Andes ☐ c) The Mid-Ocean Ridge
6. What percentage of Earth's oxygen comes from the ocean?
☐ a) Over 50% ☐ b) 20% ☐ c) 10%

• MISSION 01: DEEP OCEAN — AGENT CHALLENGE (CONTINUED) •

PART B – TRUE OR FALSE (CIRCLE YOUR ANSWER)

- | | | | |
|------------|--|-------------------------------------|--------------------------------------|
| 7. | Jellyfish have been around for over 500 million years. | <input type="button" value="TRUE"/> | <input type="button" value="FALSE"/> |
| 8. | A blue whale's heart is about the size of a basketball. | <input type="button" value="TRUE"/> | <input type="button" value="FALSE"/> |
| 9. | There are more than 3 million shipwrecks on the ocean floor. | <input type="button" value="TRUE"/> | <input type="button" value="FALSE"/> |
| 10. | Starfish have both brains and blood. | <input type="button" value="TRUE"/> | <input type="button" value="FALSE"/> |
| 11. | Dolphins sleep with both eyes closed. | <input type="button" value="TRUE"/> | <input type="button" value="FALSE"/> |
| 12. | Coral reefs support about 25% of all marine species. | <input type="button" value="TRUE"/> | <input type="button" value="FALSE"/> |

• MISSION 01: DEEP OCEAN — SECRET CODE CRACK •

PART C – SECRET CODE CRACK

Write **T** (True) or **F** (False) for each question (7–12) in order in the boxes below. The sequence of letters spells out a secret BTIA code!

Q.7	Q.8	Q.9	Q.10	Q.11	Q.12

BTIA ANSWER DECODER**T - F - T - F - F - T**

If your sequence matches the decoder above, you have cracked the code! Check the Answer Key at the back of the book to confirm your full score.

⚠ WARNING

Do not peek at the Answer Key until you have completed your challenge! Real agents don't cheat — they use their training.

MISSION SCORE TRACKER

My Score for Mission 01: _____ / 12

★★★ 10–12 correct: Outstanding! Mission Complete with Honours.

★★★ 7–9 correct: Good work, Agent. Mission Complete.

★★★ 0–6 correct: Review the facts and try again, Agent!

**MISSION 01 COMPLETE**

Deep Ocean • 18 facts mastered • Proceeding to Mission 02

• MISSION 02 •

JUNGLE RECON

DIFFICULTY: ★★☆☆

MISSION BRIEFING

Agent, you are being dropped into the world's most mysterious rainforests. Your mission: gather intelligence on the incredible creatures and plants that call the jungle home. Stay sharp — your challenge will test whether you can spot **fake intel** from real facts. A double agent has been busy planting false information!

TOPIC: RAINFORESTS & ANIMALS

18 FACTS

MISSION STATUS: ACTIVE

AGENT TIP

Pay close attention to **specific details** in each fact — the fake intel in your challenge will twist one key detail. A top agent notices the difference between “almost true” and “actually true!”

• MISSION 02: JUNGLE RECON — FACTS 1 TO 9 •

JUNGLE INTELLIGENCE FILE

- 1** Rainforests once covered **14%** of Earth's land surface. Today they cover only about **6%** — and scientists warn that the last remaining rainforests could be gone in less than **100 years**.
- 2** The **Amazon Rainforest** produces about **20%** of the world's oxygen. It is often called “**the lungs of the Earth**.”
- 3** A single rainforest tree can be home to over **2,000 different species** of insects, birds, and animals — all living on or in just one tree!
- 4** The **poison dart frog** is one of the most toxic creatures on Earth. Just one golden poison dart frog contains enough venom to **kill 10 adult humans**.
- 5** Rainforests receive between **200 and 450 centimeters** (80–180 inches) of rain per year — that is enough water to fill a bathtub **every single week!**
- 6** The **sloth** moves so slowly that **algae grows on its fur**, giving it a greenish colour that acts as perfect camouflage in the trees.
- 7** More than **25% of modern medicines** were originally discovered in rainforest plants — yet scientists have only studied about **1% of tropical plants** for their medicinal properties.
- 8** The **Rafflesia arnoldii**, found in Southeast Asian rainforests, is the world's largest flower. It can grow up to **1 meter (3 feet) wide** and smells like **rotting meat!**
- 9** Toucans' colourful beaks are not just for show — they help **regulate body temperature** by releasing heat, working like a **built-in air conditioner!**

• MISSION 02: JUNGLE RECON — FACTS 10 TO 18 •

CONTINUED: JUNGLE INTELLIGENCE

- 10** The **Amazon River** is the second longest river in the world and contains more water than the **next seven largest rivers combined**.
- 11** Some species of **ants** in the rainforest farm their own food by growing **fungus gardens underground**. They have been farming for over **50 million years** — long before humans!
- 12** A **jaguar's bite** is so powerful it can crack a sea turtle's shell. It has the **strongest bite** of any big cat relative to its size.
- 13** The **canopy layer** of a rainforest is so thick that it can take rain up to **10 minutes** to reach the forest floor after it starts falling.
- 14** There are over **2,500 different species of vines** in the Amazon Rainforest alone. Some can grow over **60 meters (200 feet) long!**
- 15** The **glass frog** has transparent skin on its belly — you can actually see its **heart beating** and its organs working through its body!
- 16** Rainforest soil is **surprisingly poor in nutrients**. Most nutrients are stored in the plants themselves, not in the ground.
- 17** The **harpy eagle**, one of the world's largest eagles, can fly through dense rainforest canopy at speeds up to **80 km/h (50 mph)** while hunting monkeys and sloths.
- 18** About **80% of the flowers** in Australian rainforests are **not found anywhere else** in the world — they are completely unique to that region.