



Grade 2

WORLD SCIENCE CHAMPIONSHIP 2024

Total Questions: 35

Total Marks: 35

Time: 1hr

Set: B

General Instructions for the Examinee

Opening Instructions:

Welcome to the world Maths Championship. Before we commence, please pay close attention to the following instructions:

- Electronic devices such as cell phones and MP3 players must be turned off.
- Do not share or exchange materials with other students.
- Unauthorized aids are strictly prohibited and its use can lead to disqualification.
- Calculators are not allowed for Grade 1-5
- Scientific Calculators are allowed for Grade 6-8
- Refrain from consulting notes, textbooks, teachers, or other students regarding the exam materials.

Instructions for Filling Student Details in OMR Sheet and Signing the Attendance sheet:

There will be a ten-minute break for students to fill in the details

Filling Student Details:

- Please refer to the instructions at the back of the OMR sheet for proper completion your details.

Signing Attendance sheet:

- Ensure you have signed the attendance sheet and OMR sheet provided.
- Invigilator should also sign your OMR sheet in the space provided.

marks - Total 35 marks.

- Grades 5 to 8: 50 questions of 1 mark each, there is no negative marking and if you skip/leave a question no marks will be given but also no marks will be deducted as -ve marks - Total 50 marks.

- Darken the circle corresponding to your chosen answer on the OMR sheet.
- Ensure you darken circles completely. Questions that do not have the darker circle are considered unanswered and will be counted wrong.
- You have 60 minutes to complete the exam.
- Note that you can choose only one answer – if you mark another response, that question will be disqualified.
- If you finish before the time is up, raise your hand, and the invigilator will collect your sheet for scoring. When you are finished and your OMR Sheet is collected, please leave the room quietly.

Instruction for Taking Examination:

- The question paper has been sealed by a reverse jacket. You have to cut on the right side to open the paper at the time of commencement of the examination. Check whether all the pages of the question paper are intact.
- This Examination is multiple-choice based, with either 4 options, 3 options or 2 options for each question.
- Each grade level has specific question formats and durations:
 - Grades 1 to 4: 35 questions of 1 mark each, there is no negative marking and if you skip/leave a question no marks will be given but also no marks will be deducted as -ve

Thank you for your attention, and best of luck with the World Maths Championship!

Question: 1 of 35

QID: 335

Marks : 1

Which one materials is this jacket made of?



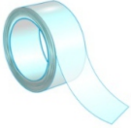
- A. leather B. plastic
- C. coal

Question: 2 of 35

QID: 337

Marks : 1

Which property matches this object? Select the better answer.



Tape

- A. hard B. sticky

Question: 3 of 35

QID: 346

Marks : 1

Is the water in a fish bowl a solid or a liquid?



- A. a liquid B. a solid

Question: 4 of 35

QID: 347

Marks : 1

Is coffee a solid or a liquid?



- A. a solid B. a liquid

Question: 5 of 35

QID: 356

Marks : 1

Nina wants to make ice cream. First, she mixes heavy cream and condensed milk in a mixing bowl. What should Nina do now?



- A. put the mixing bowl in the freezer B. put the mixing bowl in the oven

Question: 6 of 35

QID: 357

Marks : 1

Meg wants to make heart-shaped chocolate chops in a bowl. She needs to melt the chocolate chips. What should Meg do now?



- A. heat the chocolate chips in the microware B. leave the chocolate chips on the counter

Question: 7 of 35

QID: 794

Marks : 1

Two solid blocks are at different temperatures. The blocks are touching. Which picture shows how heat will move?

- A. B.

Question: 8 of 35

QID: 795

Marks : 1

Two solid blocks are at different temperatures. The blocks are touching. Which picture shows how heat will move?

- A. B.

Question: 9 of 35

QID: 804

Marks : 1

Complete the sentence. Cutting an apple is a _____

- A. physical change B. chemical change

Question: 10 of 35

QID: 805

Marks : 1

Complete the sentence. Cracking open a peanut is a _____

- A. physical change B. chemical change

Question: 11 of 35

QID: 814

Marks : 1

Select the mixture.

- A. tomato soup B. carbon

Question: 12 of 35

QID: 815

Marks : 1

Select the mixture.

- A. blocks B. silver

Question: 13 of 35

QID: 824

Marks : 1

A man pushes his team's soapbox car with his hands. The car begins to roll forward. What is the direction of this push?

- A. away from the man's hands
- B. toward the man's hands

Question: 14 of 35

QID: 825

Marks : 1

Jacob gives two friends a ride in his wagon. One friend sits in the wagon at a time. Jacob starts to pull the wagon across the yard. To move the wagon at the same speed each time, which friend does Jacob need to pull with a larger force?

- A. a friend who weighs 29 pounds
- B. a friend who weight 24 pounds

Question: 15 of 35

QID: 835

Marks : 1

Two magnets are placed as shown. Will these magnets attract or repel each other? Hint: Magnets that attract pull together. Magnets that repel push apart.



- A. attract
- B. repel

Question: 16 of 35

QID: 836

Marks : 1

Two magnets are placed as shown. Will these magnets attract or repel each other? Hint: Magnets that attract pull together. Magnets that repel push apart.





- A. attract
- B. repel

Question: 17 of 35

QID: 851

Marks : 1

Select the living thing.

- A.  teddy bear
- B.  orangutan

Question: 18 of 35

QID: 848

Marks : 1

Select the living thing.



- A.  walnut tree
- B.  teddy bear

Question: 19 of 35

QID: 850

Marks : 1

Select the living thing.

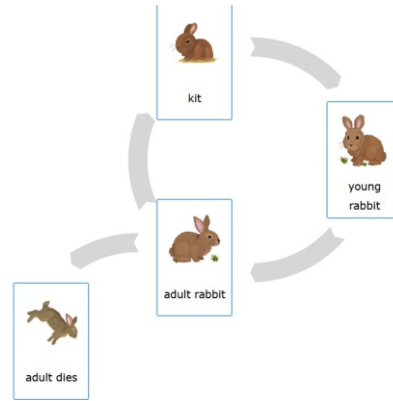
- A.  crocodile
- B.  jump rope

Question: 20 of 35

QID: 866

Marks : 1

This picture is a diagram of a brush rabbit's life cycle. Select the stage that comes right before the adult rabbit stage.



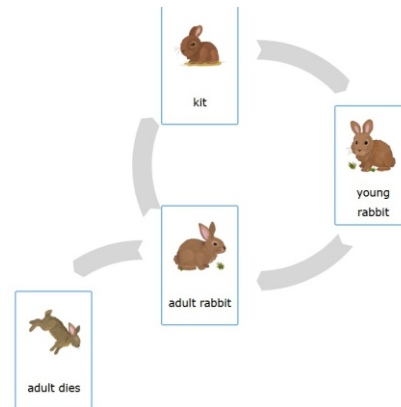
- A. kit
- B. young rabbit
- A. adult rabbit
- B. adult dies

Question: 21 of 35

QID: 867

Marks : 1

Select the stage that comes right after the young rabbit stage.



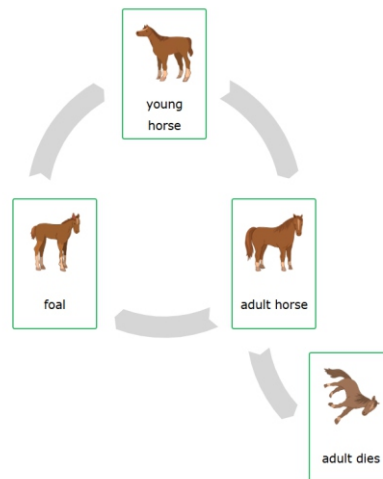
- A. kit
- B. young rabbit
- A. adult rabbit
- B. adult dies

Question: 22 of 35

QID: 868

Marks : 1

This picture is a diagram of a horse's life cycle. Select the stage that comes right before the adult horse stage.



- A. foal
- B. young horse
- A. adult horse
- B. adult dies

Question: 23 of 35

QID: 879

Marks : 1

People use pineapple trees for food. We usually eat the part of this plant that protects the seeds. Which part of the pineapple tree do we usually eat? Hint: A plant's fruit protects its seeds. A plant's stem holds the plant up.



- A. the fruit B. the stem

Question: 28 of 35

QID: 910

Marks : 1

Describe the weather.



- A. rainy B. cloudy
 C. windy

Question: 24 of 35

QID: 889

Marks : 1

Pick three things you see in this picture.



- A. elephant, chickens, dirt B. elephant, trees, dirt
dirt

Question: 29 of 35

QID: 911

Marks : 1

Describe the weather.



- A. windy B. snowy
 C. cloudy

Question: 25 of 35

QID: 890

Marks : 1

The elephant, trees, and dirt are all part of this environment. An environment is everything that is in a place. Pick three more things in this environment.



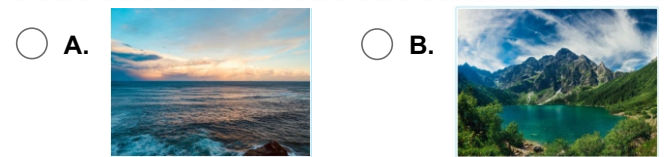
- A. air, a whale, water B. air, a giraffe, water

Question: 30 of 35

QID: 919

Marks : 1

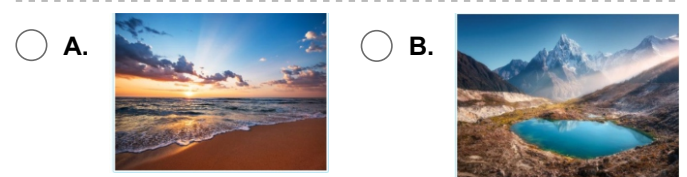
A lake is an area of water with land all around. Most lakes are small enough that you can see the other side. Select the lake.

**Question: 31 of 35**

QID: 920

Marks : 1

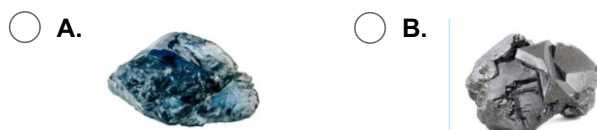
A lake is an area of water with land all around. Most lakes are small enough that you can see the other side. Select the lake.

**Question: 26 of 35**

QID: 899

Marks : 1

Select the gray mineral.

**Question: 32 of 35**

QID: 929

Marks : 1

Which change better matches the sentence? An area gets less rain than usual over many years.

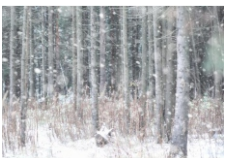
- A. drought B. earthquake

Question: 27 of 35

QID: 909

Marks : 1

Describe the weather.



- A. sunny B. rainy
 C. snowy

Question: 33 of 35

QID: 930

Marks : 1

Which changes better matches the sentence? A grassland catches fire and burns.

- A. wildfire B. flood

Question: 34 of 35

QID: 940

Marks : 1

How long does it take to put on your seat belt? select the better estimate.

 A. 5 seconds **B.** 5 hours**Question: 35 of 35**

QID: 941

Marks : 1

How long does it take to paint the walls in a bedroom? select the better estimate.

 A. 3 minutes **B.** 3 hours

--- END OF QUESTION PAPER ---