



奧冠教育中心

OLYMPIAD CHAMPION EDUCATION CENTRE

Room 309-310, 8 Jordan Road, Yau Ma Tei, Kowloon, Hong Kong SAR, CHINA

Tel (852) 3153 2028 / 9310 1240 Fax (852) 3153 2074

Website: www.olympiadchampion.com Email: olympiadchampion@gmail.com



Hong Kong International
Science Olympiad

香港國際科學競賽初賽 2019 - 2020 (香港賽區)

HONG KONG INTERNATIONAL SCIENCE OLYMPIAD

HEAT ROUND 2019 - 2020 (HONG KONG REGION)

小學二年級 Primary 2

時限：60 分鐘

Time allowed: 60 minutes

模擬試題

Mock Paper

考生須知：

Instructions to Contestants:

1. 本卷包括 試題 乙份，試題紙不可取走。
Each contestant should have ONE Question-Answer Book which CANNOT be taken away.
2. 本卷共 4 個範疇，每範疇有 5 題，共 20 題，答對得 2 分，空題得 0 分，**答錯倒扣 1 分。**
There are 4 exam areas and 5 questions in each exam area. There are a total of 20 questions in this Question-Answer Book. Two points for correct answers. No points for incorrect answers. **ONE penalty point will be deducted for incorrect answers.**
3. 請將答案寫在 **答題紙** 上。
All answers should be written on ANSWER SHEET.
4. 比賽期間，小學組不得使用計算工具，**中學組可以使用計算工具。**
During the contest, NO calculators can be used for PRIMARY GROUP **but calculators can be used for SECONDARY GROUP.**
5. 本卷中所有圖形不一定依比例繪成。
All figures in the paper are not necessarily drawn to scale.
6. 比賽完畢時，本試題會被收回。
This Question-Answer Book will be collected at the end of the contest.

本試題不可取走。

請將答案寫在

答題紙

 上。

All answers should be written on the ANSWER SHEET.

THIS Question-Answer Book CANNOT BE TAKEN AWAY.

未得監考官同意，切勿翻閱試題，否則參賽者將有可能被取消資格。

DO NOT turn over this Question-Answer Book without approval of the examiner.

Otherwise, contestant may be DISQUALIFIED.

請將答案寫在 **答題紙** 上。

All answers should be written on the ANSWER SHEET.

選擇題 (第 1 至 20 題) (答對得 2 分, 空題得 0 分, 答錯倒扣 1 分)

Multiple Choice Questions (1st ~20th) (Two points for correct answers. No points for incorrect answers. **ONE penalty point will be deducted for incorrect answers.**)

Physics

物理

1. Which substance below can conduct electricity?

以下哪一項能夠導電?

A	B	C	D	E
Wood	Stone	Copper	Plastic bag	Paper
木	石頭	銅	膠袋	紙

2. Which one below is a star?

以下哪一項是恆星?

A	B	C	D	E
Earth	Sun	Moon	Mars	Mercury
地球	太陽	月球	火星	水星

3. How long does the Earth take for one rotation?

地球自轉一圈需時多久?

A	B	C	D	E
1 hour	1 day	1 week	1 month	1 year
1 小時	1 日	1 星期	1 個月	1 年

4. Which substance below can float on water?

以下哪一項能夠浮在水面?

A	B	C	D	E
Phone	Chalk	Iron	Crab	Ice
手機	粉筆	鐵	蟹	冰

5. If Ming stands in front of a plane mirror, what is the size of the image compared to Ming's?

如果小明站在一塊平面鏡前, 那影像的大小相比起小明會怎樣?

A	B	C	D	E
---	---	---	---	---

請將答案寫在 答題紙 上。

All answers should be written on the ANSWER SHEET.

Larger	Smaller	The same	Shorter but wider	No image formed
較大	較小	一樣	較矮但較闊	沒有影像產生

Biology
生物

6. Which substance below is needed for all plants to absorb to grow?

以下哪一項所有植物都需要來吸收作成長?

A	B	C	D	E
Soil	Sugar	Bee	Water	Wind
泥土	糖	蜜蜂	水	風

7. Which animal below is a mammal?

以下哪一種是哺乳類動物?

A	B	C	D	E
Frog	Whale	Shark	Butterfly	Snake
青蛙	鯨魚	鯊魚	蝴蝶	蛇

8. Which organ of human below is not a part of digestive system?

以下哪一個人體器官不屬於消化系統的一部份?

A	B	C	D	E
Stomach	Intestine	Esophagus	Lung	Mouth
胃	腸	食道	肺	口

9. Which part of fish is used to breathe?

魚類用身體哪一部份來呼吸?

A	B	C	D	E
Gill	Vertebra	Lung	Skin	Fin
鰓	脊椎	肺	皮膚	鰭

10. Which animal below is not a vertebrata?

以下哪一種動物不是有脊椎動物?

請將答案寫在 **答題紙** 上。

All answers should be written on the ANSWER SHEET.

A	B	C	D	E
Crocodile	Human	Mosquito	Zebra	Cat
鱷魚	人類	蚊	斑馬	貓

Chemistry

化學

11. Which substance below is a solid in room temperature?

下列哪一項在室溫下是固體?

A	B	C	D	E
Sea water	Mercury	Nitrogen	Salt	Oil
海水	水銀	氮氣	鹽	油

12. Which element below is not a metal?

下列哪一個元素不是金屬?

A	B	C	D	E
Potassium	Calcium	Silver	Magnesium	Carbon
鉀	鈣	銀	鎂	碳

13. Which kind of gas must be required for burning?

以下哪一種氣體在燃燒時是必要的?

A	B	C	D	E
Oxygen	Fluorine	Chlorine	Hydrogen	Helium
氧氣	氟氣	氯氣	氫氣	氦氣

14. Which metal is usually used to make window frame?

以下哪一種金屬通常用來造窗框?

A	B	C	D	E
Aluminum	Copper	Sodium	Lithium	Gold

請將答案寫在 **答題紙** 上。

All answers should be written on the ANSWER SHEET.

鋁	銅	鈉	鋰	金
---	---	---	---	---

15. What elements are diamonds made of?

鑽石是由甚麼元素組成?

A	B	C	D	E
Iron	Silicon	Calcium	Carbon	Iodine
鐵	矽	鈣	碳	碘

Integrated Science

綜合科學

16. What temperature is needed for water to boil?

水達到多少溫度才會沸騰?

A	B	C	D	E
0°C	25°C	50°C	100°C	200°C

17. What is the colour of the substances when the wood is completely burnt?

當木材完全燃燒後，剩下的物質是甚麼顏色?

A	B	C	D	E
Black	White	Red	Yellow	Blue
黑色	白色	紅色	黃色	藍色

18. Who is the discoverer of radium?

誰發現了鐳元素?

A	B	C	D	E
Thomas Edison	Isaac Newton	Albert Einstein	Nicola Tesla	Marie Curie
愛迪生	牛頓	愛因斯坦	特斯拉	居里夫人

19. Which substance below is the heaviest if they are in the same size?

如果以下物品都是同樣大小，哪一項物品會是最重?

A	B	C	D	E
---	---	---	---	---

請將答案寫在 **答題紙** 上。

All answers should be written on the ANSWER SHEET.

Feather	Water	Air	Iron	Tissue paper
羽毛	水	空氣	鐵	紙巾

20. Why should we boil water before we drink it?

為何水應先燒開，我們才能喝？

A	B	C	D	E
To kill the bacteria in water	To taste better	To transform into other liquid	To increase the purity of the water	To produce steam
殺死水中的細菌	使味道更佳	把水轉化成其他液體	提升水的純度	製造水蒸氣

~ 全卷完 ~

~ End of Paper ~