Test 4 UASA

Theme:

Date : _____

Science and Technology

Score /100

Part 1 Short Texts (MCQs)

Practice 1

/8

Read the text carefully in each question. Choose the best answer **A**, **B** *or* **C**. *For each question, mark the correct answer* **A**, **B** *or* **C**.

Power your electrical car the greener smarter way. Join the e-charging evolution.

1. The invention of this car is
   - **A** good for the environment.
   - **B** profitable for the petrol industry.
   - **C** good news for traditional car business.

Genetically Modified (GMOs) foods are as healthful and safe to eat as their non-genetically modified counterparts. Some plants have actually been modified to improve their nutritional value. An example is soybeans which has been genetically modified with healthier oils that can be used to replace oils that contain trans fats.

2. From the excerpt above, we can know that genetically modified foods are
   - **A** healthy and nutritious.
   - **B** lower in nutrition value.
   - **C** full of unhealthy trans fats.

E-Waste collected in 2022 in Malaysia

Types of e-waste	Percentage
Washing machines	5%
Televisions	20%
Air conditioners	2%
Laptops/Computers	50%
Refrigerators	7%
Smartphones	16%
*Note: Calculation is based on each unit of electrical equipment	

(Source: https://ewaste.doe.gov.my/index.php/infographic/)

3. The table shows that e-waste collected is mostly generated from
   - **A** household products.
   - **B** industrial products.
   - **C** personal devices.

Rashid: Hi Kevin, do you know that there will be a lunar eclipse tonight? I don't have a proper telescope.

Kevin: I know about the eclipse, Rashid. Why don't you come over to my place? My dad has just bought the Celestron NexStar 5SE Schmidt-Cassegrain telescope.

Rashid: Wow, that is the newest in the market now. It must be really good.

Kevi: Yes. Its primary 5-inch mirror provides very clear, close-up views of the moon, bright planets and star clusters.

Rashid: We can have a fantastic view then. I will come over at about 9 p.m. as the lunar eclipse is at 11 p.m. tonight.

4. Pick the correct sentence.
   - **A** Rashid's father has bought a very sophisticated telescope to see the moon and stars.
   - **B** Rashid and Kevin can watch the lunar eclipse clearly with the new telescope.
   - **C** Kevin is not aware that there will be a lunar eclipse that night.

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LIVEWORKSHEETS

In the United Kingdom, many train operators like Trans Pennine express and East Midlands railway have banned passengers from carrying electric scooters on board their trains. This is due to safety concerns. They are citing that there is fire risk posed by the lithium-ion batteries used by the electric scooters.

5. The electric scooters are banned on the trains because
   - **A** the lithium-ion batteries may cause a fire.
   - **B** other passengers will not find space to stand.
   - **C** the train operators are annoyed with the e-scooter riders.

Post Flood E-Waste Management

Separate electrical and electronic equipment from other items

↓

Dry the equipment first

↓

Test to see whether the equipment works

↓

If damaged, take it to a registered collection centre

6. The flow chart shows the processes to
   - **A** manage e-waste after a flood.
   - **B** manufacture electrical and electronic items.
   - **C** repair the damaged equipment after a flood.

12.12 SALE

Sen Seng Mobile Anniversary

- All types of mobile hands are on sale!!!
- Come and trade in your old phone for a new one.
- 50% discounts off on all Singsing and Letto mobile phones.



7. The advertisement will interest people who want to
   - **A** buy a Singsing or Letto mobile phone.
   - **B** repair their damaged hand phones.
   - **C** sell their old house phone.

FREE e-Books for Avid Readers

- We will teach you how to download an e-book for free.
- 6 million titles at your disposal for a small fee.
- Save paper, save the environment by becoming an e-book reader.

Go to this link: ebook-ss.com and follow the simple steps.

8. If you click on to the given link, you will be able to
   - **A** download an e-book free of charge.
   - **B** read 6 million titles for free.
   - **C** write an e-book.

Test 4

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LIVEWORKSHEETS

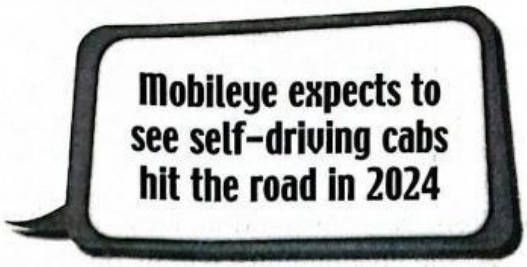
Practice 2

/8

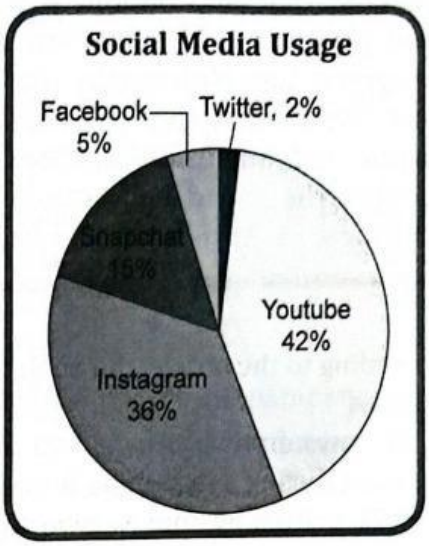
Read the text carefully in each question. Choose the best answer **A**, **B** *or* **C**. *For each question, mark the correct answer* **A**, **B** *or* **C**.



1. How long is the workshop?
   - **A** Two hours
   - **B** Three hours
   - **C** Four hours



2. According to the headline,
   - **A** Mobileye will open in 2024.
   - **B** Mobileye anticipates self-driving cabs in 2024.
   - **C** we will see self-driving cabs before 2024.



3. Which social media platform do Form 3 students use the most?
   - **A** YouTube
   - **B** Snapchat
   - **C** Instagram



4. The banner _____ people to visit the science exhibition.
   - **A** tells
   - **B** allows
   - **C** encourages

Test 4

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LIVEWORKSHEETS

Mortal Engines

This bestselling book is by Philip Reeve. It is set in a dystopian future, where cities move on wheels across a barren earth. One day in London, a young, scarred girl named Hester Shaw meets a boy named Tom Natsworthy who is an outcast. They must stop the villainous Valentine and an unfolding plot from destroying the world with the help of the courageous Anti-Traction League.

5. According to the article, the book "Mortal Engines"
   - **A** is a mystery.
   - **B** is set during a dystopian future.
   - **C** was written by Tom Natsworthy.

Dear Ramesh,

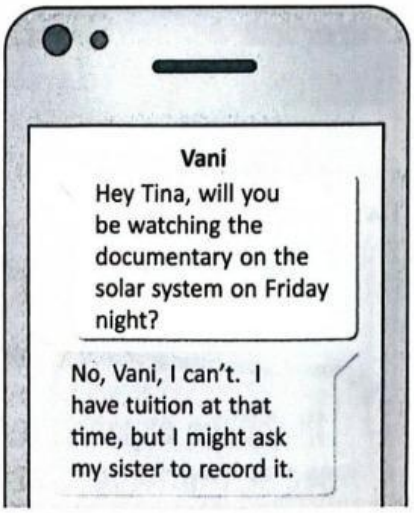
Billy and I plan to work on our science project tomorrow in his house. Would you be free to join us?

Kassim

6. Kassim wrote this message to Ramesh
   - **A** to remind him to go to Billy's house.
   - **B** to ask him if he will be able to join Billy and him to do the science project.
   - **C** to tell him that he and Billy will be doing the science project.



7. From the advertisement, we know that
   - **A** the laptop will last for two years.
   - **B** Windows 10 Home 64 bit is included.
   - **C** customers have to buy the wireless optical mouse.



8. From the conversation, we know that
   - **A** the documentary will be on the Sun.
   - **B** Vani cannot watch the documentary.
   - **C** there is a documentary on Friday night.

Test 4

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LIVEWORKSHEETS