

**Class**

**Name**

**GENERAL LISTENING SECTION**

**Part A. (1-8) Listen and choose the correct answers. [Track 01]**

1.



(a) (b) (c) (d)

2.



(a) (b) (c) (d)

3.



(a) (b) (c) (d)

4.



(a) (b) (c) (d)

5.



(a) (b) (c) (d)

6.



(a) (b) (c) (d)

7.



(a) (b) (c) (d)

8.



(a) (b) (c) (d)

**Part B. (9-12) Listen and choose the statement that best describes the picture. [Track 02]**

9.



- (a) (b) (c) (d)

11.



- (a) (b) (c) (d)

10.



- (a) (b) (c) (d)

12.



- (a) (b) (c) (d)

**Part C. (13-15) Listen and write the word in the correct blank with the correct final “ed” sound. [Track 03]**

illness	affect	medicine	factor
gene	choice	condition	cough

13. “s”	14. “z”	15. “iz”

## SPEAKING SKILL SECTION

**Part A. (16-23) This is a sentence unscramble and move it after the part C listening section, to be part A of the speaking skill section.**

**16.** atoms / The / is / graphene / of / shape / hexagon / a

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**17.** Its / shape / graphene / some / size / properties / unique / and / special / give / help

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**18.** no / denying / look / There's / patterns / that / everywhere / nature / geometry / we / are / and / in

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**19.** coincidence, / Is / just / or / hexagons / prefer / nature / a / does / actually / this

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**20.** illness / first / mainly / factors / is / category / environmental / The / of / caused / by

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**21.** people's / condition / Marfan / is / genes / syndrome / a / some / in

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**22.** different / challenges / to / across / with / difficult / People / all / fields / have / deal

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23. graduation, / As / your / prepare / you / create / path / to / you / for / have / will / own

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**Part B. (24-25) Write a circle around the content words that should be stressed.**

24. If you haven't heard of the miracle metal, it's called.

25. It was discovered at the University of Manchester in England in 2004.

**Part C. (26-27) Underline the voiced th sounds, circle the unvoiced th sounds.**

26. We tend to think of ourselves as the most intelligent living things on Earth.

27. We have made so many incredible advancements, particularly in the areas of science and math.

**Part D. (28-29) Write an arrow (↔) where a consonant and vowel sound can be linked.**

28. One [ ] thing [ ] I [ ] can [ ] tell [ ] you [ ] about [ ] having [ ] a [ ] career  
[ ] is [ ] that [ ] it's [ ] not [ ] always [ ] easy, [ ] or [ ] even [ ] fun.

29. When [ ] a [ ] difficult [ ] challenge [ ] happens [ ] at [ ] work, [ ] some [ ]  
people [ ] might [ ] want [ ] to [ ] quit [ ] and [ ] change [ ] careers, [ ] but [ ]  
that's [ ] not [ ] always [ ] the [ ] best [ ] decision.

## INTEGRATE IT

### Part A. (30) Listen and fill in the blanks. [Track 04]

Welcome back to LJF News. I'm your host, Maya Oh. In part one of this evening's special report, we talked about graphene. We learned about some of its special and unique 1.\_\_\_\_\_. In part two of our special report, we'll look at how it can be used both now and in the future.

Since graphene was 2.\_\_\_\_\_ not that long ago, we're still learning a lot about it. Scientists all around the world are studying its properties and trying to think of ways to use it. Companies are also looking into how they can use this special 3.\_\_\_\_\_ to make products that people need. Every year, there are new discoveries about how graphene's unique properties can be used.

Graphene can improve how existing products work. For example, graphene could be used to make better rechargeable batteries. It can recharge quicker than some of the existing materials that are used in rechargeable batteries. There's another use for graphene that could improve something that billions of people around the world use: shoes. Shoes made using graphene would be much better than the shoes that we currently wear. This is because graphene is stronger and more 4.\_\_\_\_\_ than the materials used in shoes today.

Graphene could also be used to make products do totally new things that they can't currently do. It could also be used to make new inventions. For example, because of its 5.\_\_\_\_\_ shape, the holes between graphene 6.\_\_\_\_\_ are smaller than most other materials. So, there's a new kind of water filter that can clean dirty water and even turn salt water from the ocean into fresh, clean drinking water. Another possible new product would be screens for smartphones, tablets, and TVs that can bend. This is because graphene has the property of being hard, but also flexible.

It won't be long until it's all systems go for graphene to be used more in our daily lives. Thank you for watching. For LJF News, I'm Maya Oh.

**Part B. (31-32) Read the questions, listen to the track again, takes notes as needed, and answer the questions. [Track 04]**

**31.**

Question	Notes
<p>Why would shoes made using graphene be much better than the shoes that we currently wear?</p> <p><b>Answer:</b></p> <p>_____</p> <p>_____</p>	

**32.**

Question	Notes
<p>What is a possible new product that graphene can be used for?</p> <p><b>Answer:</b></p> <p>_____</p> <p>_____</p>	