Test For Unit – Grade 7

UNIT 10 - ENERGY SOURCES

Test 1

Mark the letter A, B, C or D on your answer sheet to indicate the word whose underlined part differs from the other three in pronunciation in each of the following questions.

Question 1. A. just B. music C. tube D. produce
Question 2. A. energy B. elephant C. enter D. expensive

Mark the letter A, B, C or D on your answer sheet to indicate the word that differs from the other three in the position of primary stress in each of the following questions.

Question 3. A. consider B. tomorrow C. afternoon D. pollution
Question 4. A. another B. energy C. example D. develop

Mark the letter A, B, C or D on your answer sheet to indicate the correct answer to each of the following questions.

Question 5. Nuclear energy is _____ but it can be very dangerous.
A. plentiful B. much C. large D. lots

Question 6. I think that using biogas is abundant and _____.
A. limited B. polluting C. exhaustible D. cheap

Question 7. Emissions from vehicles have negative ____ on the environment.
A. problems B. effects C. benefits D. tasks

Question 8. Adam: "Why didn't you turn off TV when you were away?" – Linda: " ___"
A. I don't think so
B. Watching TV is my hobby
C. I'll come back tomorrow.
D. Sorry, I'll do it next time.

Question 9. Using non-renewable energy sources like coal, oil __a lot of carbon dioxide.
A. produces B. does C. uses D. makes

Question 10. Do you want to play football? – Not now. I ____dinner.
A. am having B. have C. had D. has

Question 11. Scientists _____ a new vaccine against skin cancer.
A. develops B. developing C. are develop D. are developing

Question 12. I _____ for a present but I can't find anything good.
A. am looking B. am look C. look D. are looking

Read the following announcement and mark the letter A, B, C or D on your answer sheet to indicate the correct option that best fits each of the numbered blanks from 13 to 16.

SOLAR ENERGY WORKSHOP

The Green Future Group is happy to announce a free workshop on solar energy this weekend. Details include:

- The workshop aims to (13) ____ awareness about renewable energy.
- Attendees will learn how (14) ____ and operate solar panels at home.
- The event will provide (15) ____ resources and guides for everyone.
- Seats are limited, so please register (16) ____ advance.

Question 13. A. rise B. raise C. increasing D. rising
Question 14. A. install B. installing C. to install D. in installing
Question 15. A. inform B. informing C. information D. informative
Question 16. A. in B. at C. for D. on

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Mark the letter A, B, C or D on your answer sheet to indicate the correct answer to each of the following questions 17.

Question 17. Put the sentences (a-c) in the correct order, then fill in the blank to make a logical text.

Renewable energy sources are becoming important in today's world. _____

a. Additionally, these sources are sustainable and can help protect the environment for future generations.

b. Firstly, using renewable energy helps reduce our dependence on fossil fuels.

c. Solar and wind power are clean sources of energy that do not produce harmful emissions.

A. a-b–c B. b-a–c C. b-c–a D. a-c-b

Question 18. Choose the sentence that most appropriately ends the text (in question 17).

A. This is why scientists are constantly working to improve energy technologies.

B. However, renewable energy can sometimes be expensive to install.

C. People should learn how to conserve energy in their daily lives.

D. Therefore, switching to renewable energy is essential for a sustainable future.

Read the following passage and mark the letter A, B, C or D on your answer sheet to indicate the correct option that best fits each numbered blank from 19 to 24.

Are you looking for a cheap, clean, effective source of power that doesn't cause (19) _____ or waste natural resources? Look no further than solar energy from the (20) _____. At present, most of our electricity (21) ____ from the use of coal, gas, oil, or nuclear power. This power could be provided by the Sun. One percent of the solar energy that reaches the Earth is enough to provide power for the total (22) _____. Many countries are already using solar energy. Solar panels are placed (23) _____ the roof of a house and the Sun's energy (24) _____ used to heat water.

Question 19. A. pollutes B. pollution C. polluted D. pollute

Question 20. A. Sun B. Moon C. Earth D. Mars

Question 21. A. comes B. come C. came D. are coming

Question 22. A. popular B. Vietnam C. world D. population

Question 23. A. of B. in C. on D. to

Question 23. A. is B. are C. be D. has

Mark the letter A, B, C or D on your answer sheet to indicate the sentence that is closest in meaning to the original sentence in each of the following questions.

Question 24. *I am most interested in the hyperloop and sky train.*

A. Interesting the hyperloop and sky train are most activities.

B. The hyperloop and sky train are very interesting to everyone.

C. I detest the hyperloop and sky train

D. The hyperloop and sky train attract me most

Question 25. *Humans should exploit solar power because it is safe to use.*

A. People had better exploit solar power as it is safe to use.

B. It is mandatory to ensure that humans should exploit solar power

C. It is necessary to exploit solar power due to it is safe to use

D. People had exploit solar power because it is safe to use solar.

Mark the letter A, B, C or D on your answer sheet to indicate the sentence that is made from the given cues in each of the following questions.

Question 27. *Scientists/ look for/ a new energy source/ replace coal/ now.*

A. Scients look for a new energy source replace coal now

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B. Scientists are looking for a new energy source to replace coal now.
C. Scientists is looking for a new energy source to replace coal now
D. Sicientists are look for a new energy source in replace coal now.

Question 28. *I/ think/ people/ turn/ biomass/ for energy*

A. I think people are turning to biomass for energy
B. I think people turning biomass for energy
C. I think people should turn to biomass for energy
D. I think of people turning biomass for energy

Read the following sign or notice and mark the letter A, B, C or D on your answer sheet to indicate the correct answer to each of the following questions.

Question 29: What does the notice say?

A. You mustn't throw trash on the ground
B. You don't need to litter in this place
C. Littering is not good for the environment
D. Waste is not available in this place.

Question 30: What is Peter asking Helen to bring to the barbecue?

A. Dessert and side dishes
B. Bread and condiments
C. Drinks and salad
D. Meat, sausages and chicken

Read the following passage and mark the letter A, B, C or D on your answer sheet to indicate the correct answer to each of the following questions from 31 to 36.

Wind is a form of solar energy. Winds are caused by the uneven heating of the atmosphere by the sun. Wind flow patterns are changed by the earth's terrain, bodies of water, and vegetative cover. This wind flow, or motion energy, when "harvested" by **modern** wind turbines, can be used to generate electricity. Wind turbines are available in a **variety** of sizes, and therefore power ratings. The largest machine has blades that span more than the length of a football field, stands 20 building stories high, and produces enough electricity to power 1,400 homes. A small home-sized wind machine has rotors between 8 and 25 feet in diameter and stands upwards of 30 feet, and can supply the power needs of an all-electric home or small business, utility scale turbines range in size from 50 to 750 kilowatts. Single small turbines, below 50 kilowatts, are used for homes, telecommunications dishes, or water pumping.

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Question 31. What is the reason for the existence of wind?

A. wind turbines B. wind flow
C. motion energy D. atmosphere heated unevenly

Question 32. Which of the following is NOT mentioned as a factor affecting the wind direction?

A. earth's terrain B. bodies of water
C. the Sun D. vegetative cover

Question 33. The word "**modern**" is OPPOSITE in meaning with _____.

A. traditional B. amazing C. plentiful D. abundant

Question 34. The word "**variety"** is CLOSEST in meaning with _____.

A. capacity B. diversity C. popularity D. minority

Question 35. How much power do single small turbines generate?

A. About 30 kilowatts B. less than 50 kilowatts
C. About 750 kilowatts D. more than 50 kilowatts

Question 36. What is the main idea of the passage?

A. Wind power and the use of it.
B. Telecommunications and water pumping are beneficial by wind power.
C. A variety of sizes of wind turbines
D. The structure of wind turbines

Four phrases/ sentences have been removed from the text below. For each question, mark the letter A, B, C or D on your answer sheet to indicate the correct option that best fits each of the numbered blanks from 37 to 40.

Cities Going Green

(37) _____, governments are looking for ways to make cities become better living places. They try to create more public parks that are both beautiful and green, (38)___.
(39) _____ . Masdar City in the United Arab Emirates (UAE) aims to become a model for other cities to follow. The city mostly uses renewable sources such as solar energy to provide all of its energy needs. Moreover, it will be a zero-waste city in which everything that is used can be recycled. (40)_____.

A - but it seems to be difficult.
B - Some cities follow the idea of a green city as the goal
C - When many people move to cities
D - Masdar City will also do an experiment for environmentally friendly ideas.

Question 37 **Question 38**
Question 39 **Question 40**

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