



BANGLADESH INTERNATIONAL SCHOOL, ENGLISH SECTION, RIYADH

NAME: _____

SUBJECT: **GEOGRAPHY**

GRADE: **7** SECTION _____

CHAPTER : **2 " GLOBAL ISSUES "**

DATE: _____

LESSON: **5 " GLOBAL WARMING "**

SEMESTER : **FINAL TERM** NO OF WORK SHEET: **04**

WORKSHEET DONE BY: **MRS. TASLIMA AKHTER**

SIGNATURE OF HOD : _____
19/04/2020

A. Put tick (✓) mark against the correct answer and put a cross (x) against the incorrect answer:

1. Global warming is primarily a problem of too much oxygen (O_2) in the atmosphere
2. If CO_2 is good for planet, more CO_2 must be better.
3. CO_2 survives in the atmosphere for a long time—up to many centuries—so its heat-trapping effects are compounded over time.
4. Over the last century, global average temperature has increased by more than $1^\circ F$ ($0.7^\circ C$).
5. Global warming is caused only by natural factors.
6. Global warming is accelerated by the reduction of global snow and ice cover.
7. Deforestation is the second leading cause of global warming in the world.
8. Solar, wind and wave power are forms of energy that do not produce greenhouse gases.
9. Global warming was first discovered in the 1980s.
10. Global warming is known as green house effects.
11. The overwhelming majority of scientists agree that climate change is real and caused by humans.
12. When you burn fossil fuels you let oxygen into the atmosphere .

B. Multiple Choice , put tick (✓) mark beside the correct answer:

1. Which gas is responsible for the global warming?

- i) Nitrogen ii) Noble gases iii) Carbon dioxide iv) Sulphates

2. Which of these depletes the ozone layer and causes global warming?

- i) Nitrogen dioxide ii) CFCs iii) Ammonia iv) All of the above

3. Which of the following effect is responsible for Global Warming?

- i) White House effect
- ii) Blue House effect
- iii) Red House effect
- ✓ iv) Green House effect

4. Which of these is NOT an expected effect of climate change?

- i) Sea levels rising
- ii) Flooding in coastal cities
- ✓ iii) Expanding glaciers
- iv) Extreme weather

5. What can you do about climate change?

- i) Drive your car less and use public transport
- ii) Turn off the lights when not in need
- ✓ iii) All of the above

6. Something that might happen because of global warming is: _____

- ✓ i) A melting polar ice caps
- ii) more reflected sunlight off the ice pack
- iii) lower sea levels
- iv) a sale on bathing suits

7. Too many greenhouse gasses in the atmosphere may block heat from escaping into space and trap too much heat next to the Earth's surface causing: _____.

- i) another ice age
- ✓ ii) global warming
- iii) earthquakes
- iv) volcanic eruptions

8. Certain gases in the atmosphere: water vapor, carbon dioxide, methane and nitrous oxide, help maintain the Earth's temperatures and climate. These are called: _____ .

- i) ozone gases
- ii) solar gases
- ✓ iii) greenhouse gases
- iv) stomach gases

9. How are humans making greenhouse gases of our own?

- i) burning fossil fuels in our cars
- ii) burning forests
- iii) with large-scale agriculture
- ✓ iv) all of these

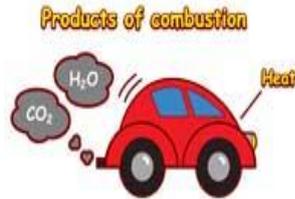
10. The global warming that is happening now is.....

- i) A natural cycle of the earth's climate
- ✓ ii) Mostly caused by human activity
- iii) Caused by the damaged ozone layer

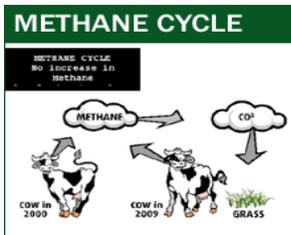
C. Global Warming Causes and Effects:



Global Warming Cause: Carbon dioxide emissions from fossil fuel burning power plants into the atmosphere.



Global Warming Cause: Carbon dioxide emissions from burning gasoline for transportation



Global Warming Cause: Methane emissions from animals, agriculture such as rice paddies, and from Arctic sea beds.



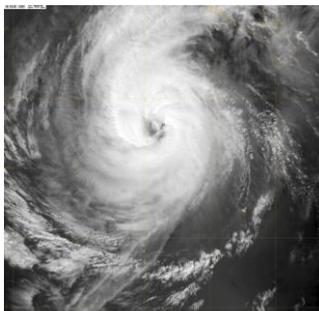
Global Warming Cause: Deforestation, especially tropical forests for wood, pulp, and farmland



Global Warming Cause: Increase in usage of chemical fertilizers on croplands. In the last half of the 20th century, the use of **chemical fertilizers** (as opposed to the use of animal manure) has risen dramatically.



Global Warming Effect: Rise in sea levels worldwide due to the melting of two massive ice sheets in Antarctica and Greenland.



Global Warming Effect: More killer storms __
The severity of storms such as hurricanes and cyclones is increasing



Global Warming Effect: Massive crop failures, more droughts and heat waves will take place.

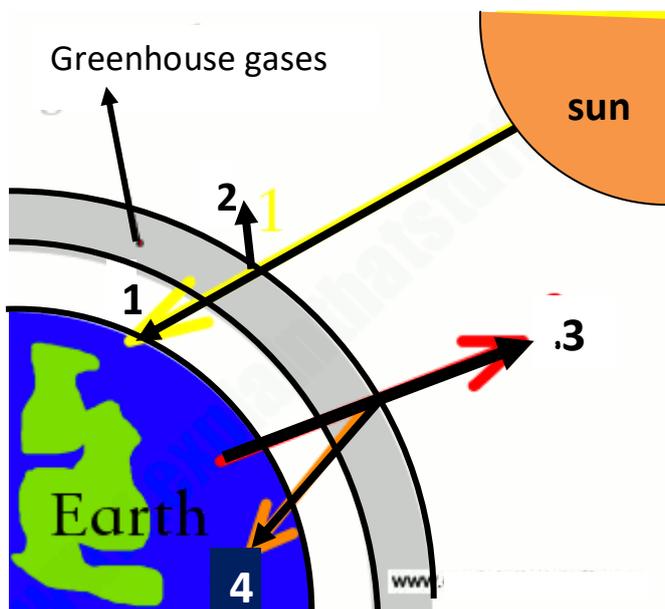


Global Warming Effect: Widespread extinction of species, by 2050, rising temperatures could lead to the extinction of more than a million species.



Global Warming Effect: Disappearance of coral reefs, prolonged rises in sea temperature is a severe danger for ocean ecosystems,

D. Explain the greenhouse effects:



1. Sun's energy reaches Earth through the clear atmosphere.

2. Most radiation is absorbed by the Earth's surface and warms it.

3. Some solar radiation is reflected by the Earth and the atmosphere into space.

4. Green house gases in the atmosphere trap most of the radiated heat and causes the Earth warm.

E. Climate connections :

