

انسباير مراجعة عامة للدروس الخمسة الأولى



تم تحميل هذا الملف من موقع المناهج الإماراتية

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المزيد من مادة
علوم:

إعداد: أحمد الحداد

التواصل الاجتماعي بحسب الصف السابع



صفحة المناهج
الإماراتية على
فيسبوك

الرياضيات

اللغة الانجليزية

اللغة العربية

التربية الاسلامية

المواد على تلغرام

المزيد من الملفات بحسب الصف السابع والمادة علوم في الفصل الثالث

Coverage Of Science: Human Population Growth

1

مراجعة عامة للوحدتين الثانية والثالثة

2

انسباير مراجعة عامة للدروس الخمسة الأولى

3

مراجعة محلولة هيكلية

4

اختبار الوحدة الثالثة عشر حول المناخ وتغيراته غير محلول

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Part 1: Multiple Choice Questions

Choose the correct answer for each of the following:

1. **Which factor causes a population to decrease?**
 - A) Birth and Immigration
 - B) Death and Emigration
 - C) High carrying capacity
 - D) Medical advances
2. **Earth's spinning motion on its imaginary axis is called:**
 - A) Revolution
 - B) Orbit
 - C) Rotation
 - D) Solstice
3. **A lunar eclipse can only occur during which moon phase?**
 - A) New moon
 - B) First quarter
 - C) Full moon
 - D) Last quarter
4. **The area of land and water needed to supply resources and absorb waste for a person is called:**
 - A) Carrying capacity
 - B) Ecological footprint
 - C) Habitat loss
 - D) Biosphere

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5. **Why does the Sun appear to move from East to West across the sky?**
 - A) The Sun revolves around the Earth
 - B) The Earth rotates from West to East
 - C) The Sun rotates from East to West
 - D) The Earth's orbit is elliptical
6. **What is the central, darker part of a shadow where light is totally blocked?**
 - A) Penumbra
 - B) Orbit
 - C) Axis
 - D) Umbra
7. **How many days does it take the Moon to complete one full revolution around Earth?**
 - A) 24 days
 - B) 27.3 days
 - C) 29.5 days
 - D) 365 days
8. **Which country typically has a larger consumption level per person?**
 - A) Developing nations
 - B) Developed nations (e.g., United States)
 - C) Nations with no-growth populations
 - D) Nations relying only on agriculture
9. **Seasons are primarily caused by:**
 - A) Earth's distance from the Sun
 - B) The tilt of Earth's axis and its motion around the Sun
 - C) Changes in the Sun's heat production
 - D) The Moon's shadow on Earth

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10. A "Triangle-shaped" age structure diagram indicates:

- A) No growth
- B) Slow growth
- C) Rapid growth
- D) Decreasing population

11. During a total solar eclipse, the Moon is positioned:

- A) Behind the Earth
- B) Between the Earth and the Sun
- C) Above the Sun
- D) In the Earth's umbra

12. The law that states the pull of gravity depends on mass and distance is:

- A) Law of Motion
- B) Law of Conservation of Energy
- C) Law of Universal Gravitation
- D) Kepler's Law

13. In the Northern Hemisphere, when the North Pole is tilted toward the Sun, it is:

- A) Winter
- B) Autumn
- C) Summer
- D) Spring

14. The portion of the Moon reflecting light as seen from Earth is called a:

- A) Period
- B) Cycle
- C) Phase
- D) Shadow

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15. What happens to resource depletion as the human population increases?

- A) It decreases
- B) It stays the same
- C) It increases
- D) It stops completely

16. Why don't we see eclipses every month?

- A) The Moon's orbit is tilted relative to Earth's orbit
- B) The Moon moves too fast
- C) The Sun's gravity is too strong
- D) The Earth does not cast a shadow every month

17. Which term describes using resources no faster than nature can renew them?

- A) Consumption
- B) Sustainability
- C) Pollution
- D) Deforestation

18. One complete revolution of Earth around the Sun takes:

- A) 24 hours
- B) 27.3 days
- C) 365.24 days
- D) 100 days

19. The "far side" of the Moon is never seen from Earth because:

- A) The Moon does not rotate
- B) The Moon's rotation and revolution periods are the same
- C) The Earth does not rotate fast enough
- D) It is always in shadow

20. When a population exceeds its carrying capacity:

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- A) Resources become abundant
- B) The population continues to grow forever
- C) Resources become scarce and the population may decline
- D) Immigration increases

21. In which part of the shadow can you see a *partial* solar eclipse?

- A) Umbra
- B) Penumbra
- C) Axis
- D) Orbit

22. Temperatures are colder at the poles because:

- A) The poles are farther from the Sun
- B) Sunlight is more spread out due to Earth's curved surface
- C) The poles have more ice
- D) The Sun never shines at the poles

23. The "Waxing" phases of the moon mean the lit part is:

- A) Getting smaller
- B) Staying the same
- C) Getting larger
- D) Disappearing

24. Which technological advance has most contributed to rapid human population growth?

- A) Social media
- B) Improved healthcare and clean water
- C) Space exploration
- D) Faster cars

25. What gives the Moon a reddish tint during a total lunar eclipse?

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- A) The Moon's own heat
- B) Reflection from Mars
- C) Earth's atmosphere deflecting some sunlight
- D) Volcanic activity on the Moon

Part 2: Fill in the Blanks

Complete the following sentences with the correct scientific term:

1. The imaginary line on which an object rotates is called the _____.
2. _____ is the movement of individuals *into* a population.
3. The path an object follows as it moves around another object is its _____.
4. A _____ eclipse occurs when the Moon moves into Earth's shadow.
5. The maximum number of individuals of a species that an ecosystem can support is the _____.
6. Earth rotates in a _____ direction when viewed from the North Pole.
7. The lunar phase cycle takes approximately _____ days to complete.
8. _____ is a spinning motion.
9. The lighter part of a shadow is called the _____.
10. The first phase of the lunar cycle, where the Moon is not visible, is the _____.

Part 3: Short Answer Questions

Answer the following questions briefly:

1. Explain the difference between Rotation and Revolution.

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2. Why is the ecological footprint of a person in a developed country usually larger than that of a person in a developing country?

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3. Describe what happens during a Total Solar Eclipse.

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4. How does the tilt of Earth's axis affect the intensity of sunlight received at different latitudes?

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5. Why does the same side of the Moon always face the Earth?

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Answer Key (For the Teacher)

Part 1: MCQ

1. B |
2. C |
3. C |
4. B |
5. B |
6. D |
7. B |
8. B |
9. B |
10. C |
11. B |
12. C |
13. C |
14. C |
15. C |
16. A |
17. B |
18. C |
19. B |
20. C | 21. B | 22. B | 23. C | 24. B | 25. C

Part 2: Fill in the Blanks

1. Rotation axis | 2. Immigration | 3. Orbit | 4. Lunar | 5. Carrying capacity | 6. Counterclockwise | 7. 29.5 | 8. Rotation | 9. Penumbra | 10. New Moon

Part 3: Short Answers

1. **Rotation** is spinning on an axis (causes day/night), while **Revolution** is moving around another object (Earth around Sun).
2. Because people in developed countries typically consume more resources (energy, food, goods) and produce more waste.
3. The Moon passes directly between the Sun and Earth, its umbra falls on Earth, and the Moon appears to cover the Sun completely, making the sky dark.
4. When a hemisphere is tilted toward the Sun, sunlight hits at a more direct angle (less spread out), providing more energy/heat.
5. Because the Moon's period of rotation (27.3 days) is exactly the same as its period of revolution around Earth.