

Q1. Archaeological findings show that the Rajasthan desert experienced wet and cool climate around

- (a) 50000 BC
- (b) 20000 BC
- (c) 8000 BC
- (d) 1500 BC

Q2. Among the gases present in the atmosphere, the largest concentration of GHG's in the atmosphere is

- (a) CO₂
- (b) CFC's
- (c) Methane (CH₄)
- (d) Ozone (O₃)

Q3. Consider the following statements :

1. Air at surface is denser
2. Air pressure is measured with the help of barometer
3. Air pressure increases with height

Choose the correct options :

- (a) 1 & 3
- (b) 1 & 2
- (c) 2 & 3
- (d) 1, 2 & 3

Q4. Consider the following statements

1. Cold water off the coast of Peru is known as EL - Nino
2. El Nino event is closely associated with the pressure changes in the central Pacific and Australia.
3. In the years when ENSO is strong heavy rainfalls occurs in Australia and China

- (a) 1 & 3
- (b) Only 2
- (c) 2 & 3
- (d) 1, 2 & 3

Q5. Consider the following statements :

1. Sunspots are dark and cooler patches on sun
2. It increases and decreases in a cyclic manner
3. A decrease in sunspot number is associated with cooler and wetter weather

Choose the correct statements

- (a) 1 & 3
- (b) Only 2
- (c) 1 & 2
- (d) 1, 2 & 3

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Q6. Consider the following statements :

1. The atmosphere transmits the incoming solar radiation but absorbs the vast majority of short wave radiation emitted upwards by the earth's surface
2. The gases that absorb shortwave radiation are called greenhouse gases

Choose the correct answer :

- (a) 1 & 3
- (b) Only 2
- (c) 2 & 3
- (d) None

Q7. Which of these are greenhouse gases

1. CO₂
2. CFC's
3. N₂O
4. CH₄

Choose the correct answer :

- (a) 1, 2 and 3
- (b) 1, 2 and 4
- (c) 2, 3 and 4
- (d) 1, 2, 3 and 4

Q8. Consider the following statements

1. CFC are products of human activities
2. Large depletion of ozone occurs over Antarctica
3. The depletion of ozone concentration in the stratosphere is called the ozone hole

Choose the correct statement/s

- (a) 1 & 3
- (b) 1 & 2
- (c) 2 & 3
- (d) 1, 2 & 3

Q9. Burning biomass for energy does not release

1. sulphur
2. mercury
3. nitrogen

Select the correct answer using the codes given below.

- (a) 1 and 2 only
- (b) 2 only
- (c) 2 and 3 only
- (d) 1, 2 and 3

Q10. Extra Vehicular Activity (EVA) is related to

- (a) racing and sports car driving.
- (b) manoeuvre outside military aircrafts.
- (c) works done outside spacecrafts
- (d) underwater maintenance work of large ships.

Solutions

S1.Ans.(c)
S2.Ans.(a)
S3.Ans.(b)
S4.Ans.(b)
S5.Ans.(c)
S6.Ans.(d)
S7.Ans.(d)
S8.Ans.(d)
S9.Ans.(a)
S10.Ans.(c)



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