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Question **73**

Answer saved

Marked out of 1.00

_____ can combine with haemoglobin of blood and prevents oxygen from being carried to different parts of the body and the body becomes blue. This condition is known as _____.

- ☒ A. Nitrites
- ☒ B. Methemoglobinemia
- ☒ C. Blue baby syndrome
- ☐ D. Algal bloom

Question **74**

Answer saved

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Hydrogen Fuel Cells for Road Vehicles addresses the main issues related to the application of hydrogen fuel cell technology in the road transportation sector. A preliminary treatment is given on fuel resources and atmospheric pollution concerns which are closely related to the current technology (internal combustion engine) used for moving people and goods.

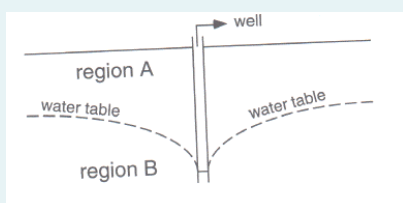
The hydrogen required for fuel cell is produced by which of the following reactions?

- ☒ A. Electrolysis of water
- ☒ B. Thermal decomposition of water at 1750oC
- ☒ C. Photolysis
- ☐ D. Combining hydrogen atoms

Question **75**

Answer saved

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In the above image region A is called _____ and well is called _____.

Select one or more:

- ☒ a. Region A is zone of aeration
- ☐ b. Region B is zone of aeration
- ☒ c. Confined aquifer
- ☐ d. Unconfined aquifer

Question **76**

Answer saved

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Aquifers having water pressure more than 1 atm are called _____.

The _____ zone lies just beneath the land surface that contain both air and water.

Select one or more:

- ☐ A. Water table
- ☒ B. Confined aquifer
- ☐ C. Zone of saturation
- ☒ D. Zone of aeration

Question **77**

Answer saved

Marked out of 1.00

The conditions for the formation of photochemical smog are

- ☒ A. Air stagnation
- ☒ B. Abundant sunlight
- ☒ C. High concentrations of hydrocarbons and nitrogen oxides in the atmosphere
- ☐ D. High altitudes

Question **78**

Answer saved

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Carbon monoxide is emitted from _____ and its pathological effect is _____.

- ☐ A. Dye making
- ☒ B. Incomplete combustion of coal
- ☒ C. Reduces oxygen carrying capacity of blood
- ☐ D. Causes jaundice

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