

Conservation Geography

Week 10

Due Date :01.10.2025



[Click here](#)

VISHVA S A

1) Hydrogen for nuclear fusion comes under the category of

- ☐ potential resources
- ☐ actual resources
- ☐ reserve resources
- ☒ stock resources

The correct option is: **stock resources.**

Explanation:

Hydrogen for nuclear fusion is classified as a stock resource because, although it exists in abundant quantities in nature, current technology does not allow its economical and practical use for energy production. It remains unused due to technological limitations.

2) Which of these is the largest source of ammonia (NH₃) in the atmosphere?

- ☒ animal manure
- ☐ mineral fertiliser
- ☐ crops and their decomposition
- ☐ human waste

The correct option is: **animal manure.**

Explanation:

The largest source of ammonia (NH₃) in the atmosphere comes from agriculture, particularly from animal manure. Livestock waste contains high nitrogen content, which volatilizes as ammonia gas. Mineral fertilizers and crop decomposition also contribute, but animal manure is the dominant source by a significant margin.

Conservation Geography

3) "the part of actual resources that can be developed profitably in the future" is a definition of

- ☐ potential resources
- ☐ actual resources
- ☒ reserve resources
- ☐ stock resources

The correct option is: **reserve resources**

Explanation:

Reserve resources are defined as that part of actual resources which can be developed profitably in the future with the help of advanced technology and favorable economic conditions. These are known resources that are currently not exploited but are available for future utilization when conditions improve.

4) Timber from forests that is being harvested can be categorised under

- ☐ potential resources
- ☒ actual resources
- ☐ reserve resources
- ☐ stock resources

The correct option is: **actual resources**

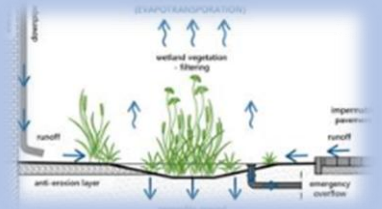
Explanation:

Timber that is currently being harvested from forests is classified as an actual resource. Actual resources are those that are known, accessible, and actively being exploited or used for economic benefits. Since timber is being extracted presently, it falls under this category rather than potential, reserve, or stock resources.

Conservation Geography

5) Rain gardens are primarily meant to

- ☐ reduce water usage
- ☒ increase recharge to groundwater
- ☐ protect existing water sources
- ☐ increase water flow to streams



The correct option is: **increase recharge to groundwater**

Explanation:

Rain gardens are designed to capture and absorb rainwater runoff, allowing it to infiltrate into the ground rather than running off into storm drains. This process helps increase groundwater recharge, reduces flooding, improves water quality by filtering pollutants, and protects local water systems.

6) Oil that has not been drilled can be categorised under

- ☒ potential resources
- ☐ actual resources
- ☐ reserve resources
- ☐ stock resources

The correct option is : **potential resources**

Explanation:

Oil that has not been drilled is called a potential resource because it exists in known locations and may be used in the future when technology or demand makes extraction possible, but it is not currently being exploited.

Conservation Geography

7) Which of these is the largest source of nitrogen oxides in the atmosphere?

- ☐ electricity generation
- ☒ mobile sources
- ☐ industrial processes
- ☐ waste disposal

The correct option is: **mobile sources**

Explanation:

Mobile sources such as cars, trucks, and buses are the largest contributors to nitrogen oxides (NO_x) in the atmosphere. These gases are formed during the combustion of gasoline and diesel fuels at high temperatures, especially in vehicles, which release significant amounts of NO_x near ground level, impacting air quality and human health.

8) "those resources that are currently being used after surveying, quantification and qualification"

- ☐ potential resources
- ☒ actual resources
- ☐ reserve resources
- ☐ stock resourcesstock resources

The correct option is: **actual resources**

Explanation:

Actual resources are those resources that have been surveyed, their quantity and quality determined, and are currently being used. These resources are available for immediate use with existing technology, such as coal, water, and petroleum currently in exploitation

Conservation Geography

9) "those resources that may be used in the future" is a definition of

- ☒ potential resources
- ☐ actual resources
- ☐ reserve resources
- ☐ stock resources

The correct option is: **potential resources**

Explanation:

Potential resources are those that are known to exist but are not yet used or exploited. They may be used in the future once technology, economic conditions, or demand make their extraction or utilization feasible.

10) Low concentration ores come in the category of

- ☐ potential resources
- ☐ actual resources
- ☒ reserve resources
- ☐ stock resources

The correct option is: **reserve resources**

Explanation:

Low concentration ores are actually classified as stock resources because they exist in nature but cannot be used profitably with present technology and methods. Reserve resources require current economic feasibility, which low concentration ores usually lack.

[Click here](#)

[Click here](#)



QuizingSphere

[Click here : Reference link](#)