Assignment 1

The due date for submitting this assignment has passed. Due on 2018-02-21, 23:59 IST.

Submitted assignment

Assignment 1

1) Environmental pollution is defined as:

- Permanent changes occurring in our surroundings such as air, water, and land which affect the quality of life temporarily or permanently
- Sometimes temporary and sometimes permanent
- Temporary changes occurring in our surroundings such as air, water, and land which affect the quality of life temporarily or permanently
- Any of the above

No, the answer is incorrect.
Score: 0

Accepted Answers:
Sometimes temporary and sometimes permanent

2) Procedure for environmental pollution control involves:

- Identification and determination of the pollutants and the extent of pollution
- Technical intervention
- Post intervention evaluation
- All of these

No, the answer is incorrect.
Score: 0

Accepted Answers:
All of these

3) In a pure substance, the following are capable of independent existence.

- Protons
- Neutrons
- Electrons
- All of these

No, the answer is incorrect.
Score: 0

Accepted Answers:
All of these

4) a particles possesses:

No, the answer is incorrect.
Score: 0

Accepted Answers:
All of these

https://onlinecourses.nptel.ac.in/noc18_ch04/unit/unit=10&assessment=28
5) In reaction Thwe last term refers to:

- Neutrons with 1 amu and 0 charge
- Neutron with 0 mass and 1 charge
- Neutron with no mass and no charge
- None of the above

No, the answer is incorrect. Score: 0
Accepted Answers: Neutrons with 1 amu and 0 charge

6) Isotopes of nuclei with even number of neutrons are:

- More compared to nuclei containing odd number of neutrons
- Less compared to nuclei containing odd number of neutrons
- Equal compared to nuclei containing odd number of neutrons
- All of the above

No, the answer is incorrect. Score: 0
Accepted Answers: More compared to nuclei containing odd number of neutrons

7) In any element, for better stability neutron to proton ratio should be:

- < 1
- > 1
- 1
- Any of these

No, the answer is incorrect. Score: 0
Accepted Answers: 1

8) Polyatomic compounds show complex spectra because they absorb EM radiation through:

- Electronic and vibrational transitions
- Vibrational and rotational transitions
- Electronic and rotational transitions
- Electronic, vibrational and rotational energy levels

No, the answer is incorrect. Score: 0
Accepted Answers: Electronic, vibrational and rotational energy levels

9) The energy of X rays are:

- Same as γ rays
- Less than γ rays

No, the answer is incorrect. Score: 0
Accepted Answers: Less than γ rays
10] Radicals and small molecules usually exhibit,

- Line spectra
- Band spectra
- Continuum spectra
- All of the above

**No, the answer is incorrect.**

**Score: 0**

**Accepted Answers:**
- Continuum spectra