

Q.29) Consider the following statements regarding vermicompost:

1. Vermicompost is rich in nitrates but poor in minerals such as phosphorus and magnesium
2. Vermicomposting results in reduced levels of contaminants in soil.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.30) Consider the following statements with reference to bio-fertilizers:

1. Bio-fertilizers protect the environment from pollutants.
2. Bio-fertilizers provide high nutrition density than chemical fertilizers.
3. Rhizobium is an example of bio-fertilizer.

Which of the statements given above is/are correct?

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

Q.31) “According to this theory, planets were formed out of a cloud of material associated with a youthful sun, which was slowly rotating”. Which one of the following is the theory being talked about?

- a) Big Bang Theory

b) Binary Theories

c) Nebular Hypothesis

d) Tidal Theory

Q.32) Which of the following stages are considered under ‘The Big Bang Theory’?

1. All the matter are condensed into a singular atom.
2. It considered the universe to be roughly the same at any point of time
3. The universe became transparent after the explosion.

Select the correct answer using the code given below:

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

Q.33) Which of the following describe the theory of the moon’s formation?

- a) It is a satellite escaped from another planet.
- b) It was formed from the localized clump of cloud which eventually cooled into condensed state.
- c) It is an outcome of giant impact of asteroid which hit the Earth and blew off a large piece which was caught in the orbit.
- d) It was an icy body rotating in the early universe and was caught by the Earth’s gravity.