

2303001301050002
EXAMINATION FEBRUARY-MARCH 2024
BACHELOR OF SCIENCE (FIRST SEMESTER) (NEP)
SEC-STUDY OF SOIL PROFILE (THEORY)-LEVEL6

[Time: As Per Schedule]

[Max. Marks: 13]

Instructions:

1. Fill up strictly the following details on your answer book
 - a. Name of the Examination : **BACHELOR OF SCIENCE (FIRST SEMESTER)(NEP)**
 - b. Name of the Subject :**SEC- STUDY OF SOIL PROFILE (THEORY)-LEVEL 6**
 - c. Subject Code No : **2303001301050002**
2. Sketch neat and labelled diagram wherever necessary.
3. Figures to the right indicate full marks of the question.
4. All questions are compulsory.

Seat No:

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| Student's Signature |
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Q.1 Write any thirteen

13

1. The oven dry weight of a unit volume of soil inclusive of pore spaces is called-----
2. The process of conversion of ammonia to nitrite (NO₂) and then to nitrate (NO₃) is known as-----
3. As the temperature increases the rate of chemical weathering:
4. What is the name given to the group of weathering processes associated with the action of organisms?
5. In which horizon of soil minerals are found?
6. The best top soil texture for growing plants is -----.
7. The topmost layer of soil is known as-----.
8. B-horizon is also known as-----.
9. C: N of normal soil is-----.
10. The soil profile contains-----number of master horizons?

11. Small space between soil particles may be filled with-----or-----
12. Biological weathering is caused by-----
13. Science dealing with study of soil is called-----
14. Plants take up N in the form of-----
15. In Munsell color chart what represents the purity of the color?
