

INTERNATIONAL TALENT SEARCH EXAMINATION 2024 - 2025

CLASS - IV SUBJECT - SCIENCE

- Parts near equator have __ marked seasons because __.
A) No, they face the Sun for six months continuously
B) Clearly, they face the Sun for six months continuously
C) No, they retain at almost same angle to the Sun throughout the year
D) Clearly, they retain at almost same angle to the Sun throughout the year
- Select the odd one out based on the composition.
A) Mars
B) Venus
C) Earth
D) Jupiter
- The Earth takes __ day(s) to complete one rotation around its axis and __ day(s) to complete one revolution in its orbit around centre of the solar system.
A) 28, 365
B) 24, 1
C) 1, 365
D) 24, 365
- __ is an opening on the Earth's surface which releases lava when explodes.
A) Volcano
B) Valley
C) Mountain
D) Ocean
- Pluto was demoted to be a __ planet in __.
A) Dwarf, August 24, 2006
B) Giant, August 24, 2006
C) Dwarf, August 15, 2005
D) Giant, August 15, 2005
- The festival of Holi marks the coming of __.
A) Autumn
B) Winter
C) Spring
D) Summer
- The season when temperature is moderate and blooming flowers could be seen all around is called __.
A) Autumn
B) Spring
C) Summer
D) Winter
- Match the column I with column II and select the correct option.
Column I Column II
a. Brightest planet 1. Mercury
b. Morning star 2. Venus

INTERNATIONAL TALENT SEARCH EXAMINATION 2024 - 2025

- c. Evening star 3. Mars
d. Red planet 4. Saturn
e. Largest planet 5. Jupiter
A) a-1, b-2, c-3, d-3, e-5
B) a-2, b-2, c-2, d-3, e-5
C) a-5, b-1, c-2, d-3, e-4
D) a-4, b-2, c-1, d-2, e-5

9. Which of the following statements is correct?

- A) Molecules in a solid are loosely packed.
B) Liquids have a fixed volume.
C) Gases have fixed shape.
D) Liquids cannot be poured.
E) None of these

10. The rock made by cooling down of hot lava coming from deep inside the earth:

- A) Sedimentary
B) Igneous
C) Metamorphic
D) Horizon
E) None of these

11. Which of the following is a gemstone?

- A) Diamond
B) Ruby
C) Emerald
D) All the above
E) None of these

12. The mineral used in watches:

- A) Graphite
B) Quartz
C) Marble
D) Silica
E) None of these

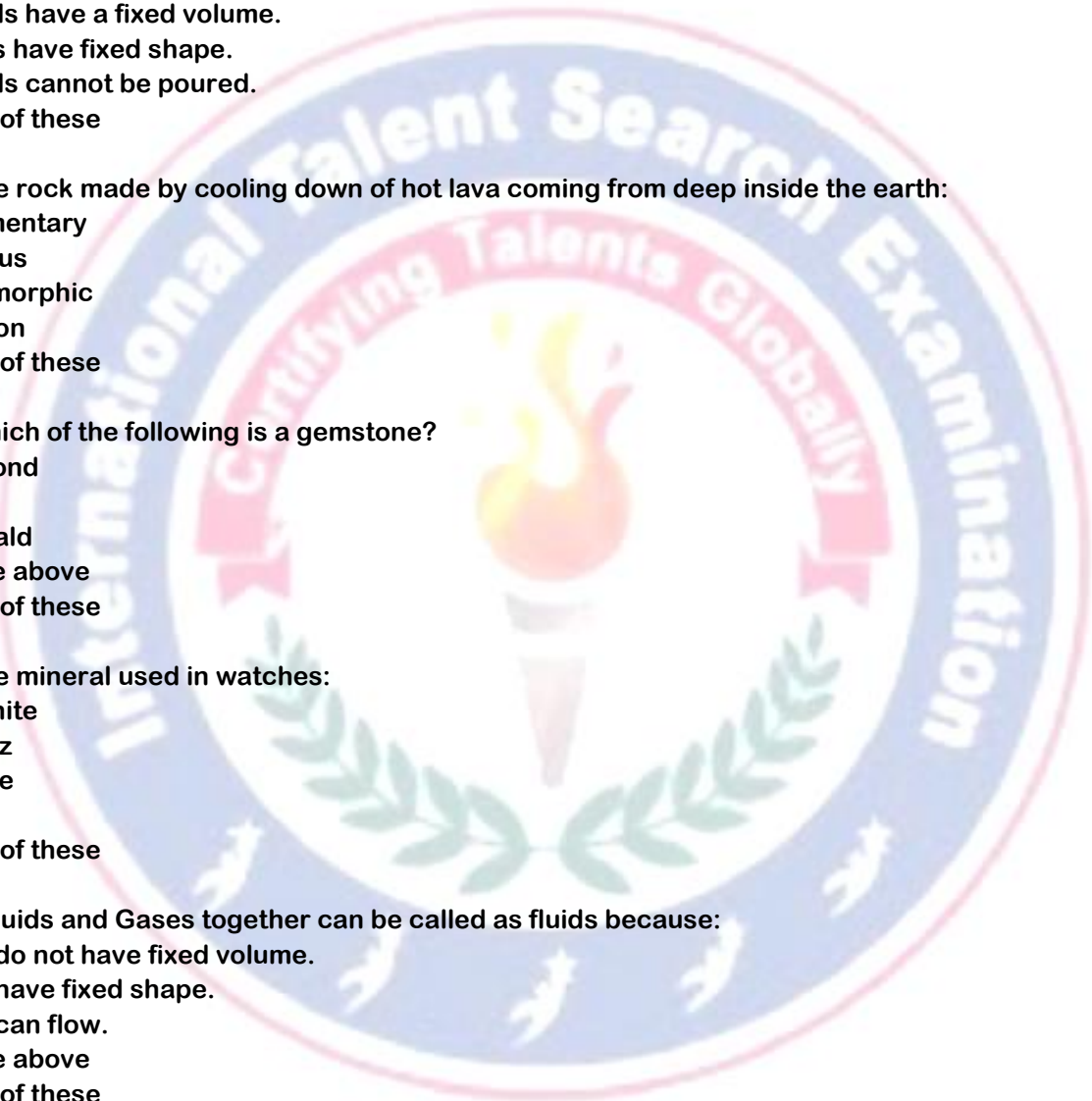
13. Liquids and Gases together can be called as fluids because:

- A) They do not have fixed volume.
B) They have fixed shape.
C) They can flow.
D) All the above
E) None of these

14. Match the following:

- | Column A | Column B |
|-----------------|----------------------------------|
| (I) Clay | [A] Dead plants and animals |
| (II) Humus | [B] Does not hold much water |
| (III) Loam soil | [C] Best soil for growing plants |
| (IV) Sand | [D] Sticky and soft soil |

- A) (I - D), (II - C), (III - A), (IV - B)
B) (I - C), (II - A), (III - D), (IV - B)
C) (I - B), (II - A), (III - D), (IV - C)



INTERNATIONAL TALENT SEARCH EXAMINATION 2024 - 2025

- D) (I - D), (II - A), (III - C), (IV - B)
E) None of these

15. Which of the following lives in soil?

- A) Lion
B) Dog
C) Cat
D) Earthworm
E) None of these

16. Chopping of wood is which kind of change?

- A) Physical change
B) No change
C) Chemical change
D) Biological change
E) None of these

17. A liquid that can dissolve a solid is a:

- A) Solute
B) Solvent
C) Salt
D) Mixture
E) None of these

18. Which of the following statements is not correct?

- A) Physical changes can be reversed.
B) A new substance is formed in a chemical change.
C) Chemical changes cannot be reversed.
D) No new substance is formed in a physical change.
E) None of these

19. Mineral from which metal can be extracted profitably is known as:

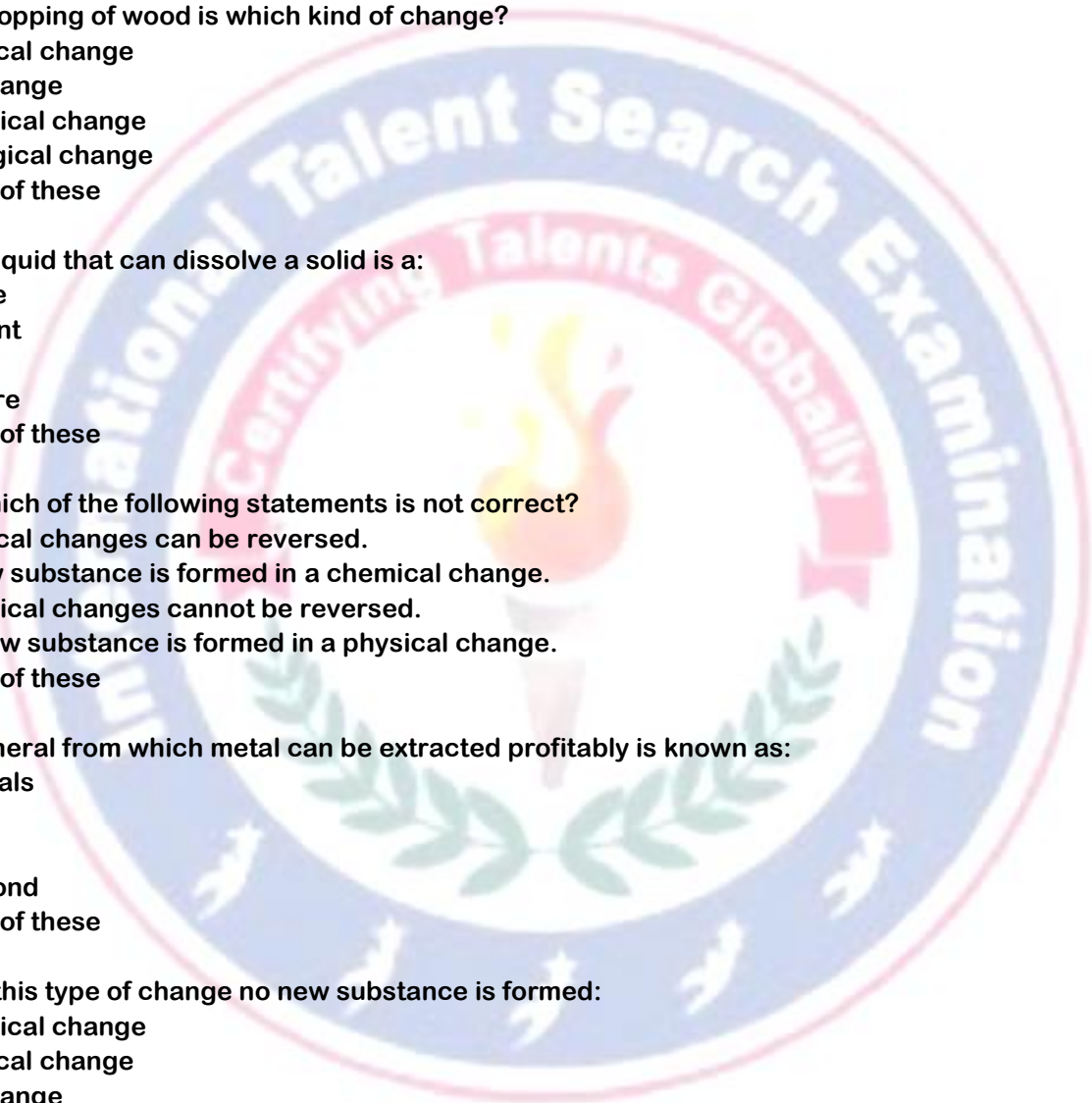
- A) Minerals
B) Ores
C) Iron
D) Diamond
E) None of these

20. In this type of change no new substance is formed:

- A) Chemical change
B) Physical change
C) No change
D) New change
E) None of these

21. Which of the following is not a solid?

- A) (a)Tyre
B) Book
C) Ink
D) Radio
E) None of these



INTERNATIONAL TALENT SEARCH EXAMINATION 2024 - 2025

22. Which of the following is not a gaseous fuel?

- A) CNG
- B) Coal
- C) LPG
- D) Hydrogen
- E) None of these

23. Formation of which of the following in water cycle is a natural example of the change of state of matter?

- A) Snow
- B) Rain
- C) Hail
- D) All the above
- E) None of these

24. While heating a liquid, we find bubbles on the surface of the liquid, this is:

- A) Freezing
- B) Heating
- C) Melting
- D) Boiling
- E) None of these

25. Water freezes at:

- A) 100oC
- B) 0oC
- C) 270oC
- D) 10oC
- E) None of these

26. Pressure applied on solids, can change its:

- A) Shape
- B) Volume
- C) Colour
- D) Mass
- E) None of these

27. Melting down of candle into liquid wax is an example of conversion of:

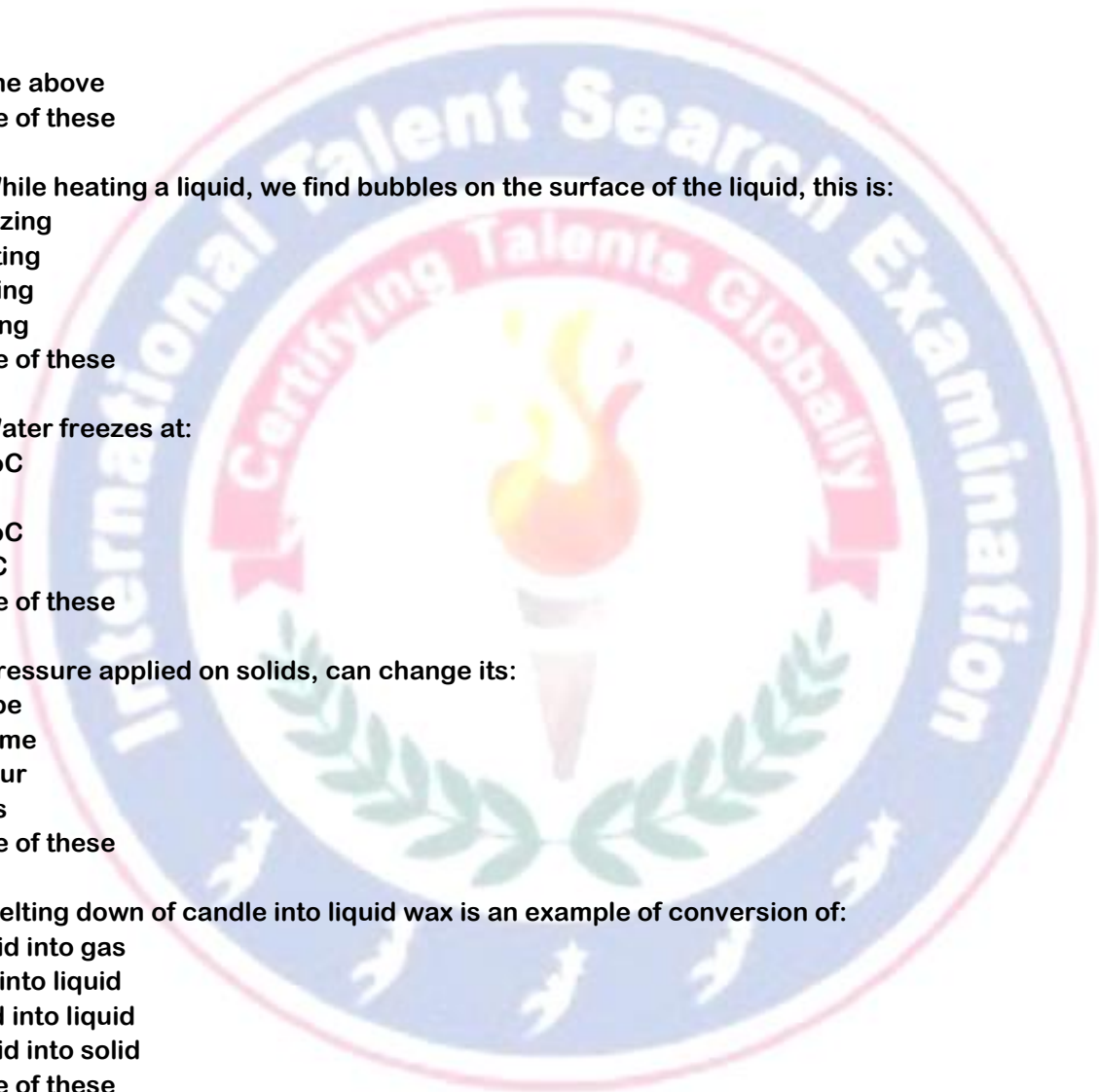
- A) Liquid into gas
- B) Gas into liquid
- C) Solid into liquid
- D) Liquid into solid
- E) None of these

28. Liquids can flow, so they are also called___.

- A) Solid
- B) Fluid
- C) Solution
- D) Solute
- E) None of these

29. Wearing a way of rocks by wind and water is:

- A) Soil erosion



INTERNATIONAL TALENT SEARCH EXAMINATION 2024 - 2025

- B) Weathering
- C) Humus
- D) Clay
- E) None of these

30. Which of the following is not a type of soil?

- A) Clay
- B) Silt
- C) Loam
- D) Humus
- E) None of these

31. ___soil is mostly used for making pots.

- A) Sandy
- B) Clayey
- C) Loamy
- D) Humus
- E) None of these

32. What is formed by breaking down of rocks?

- A) Soil
- B) Plant
- C) Water
- D) Fertilizer
- E) None of these

33. Plants stay fixed to the soil with the help of their

- A) Leaves
- B) Flowers
- C) Roots
- D) Minerals
- E) None of these

34. Which soil is the mixture of sand, silt and clay?

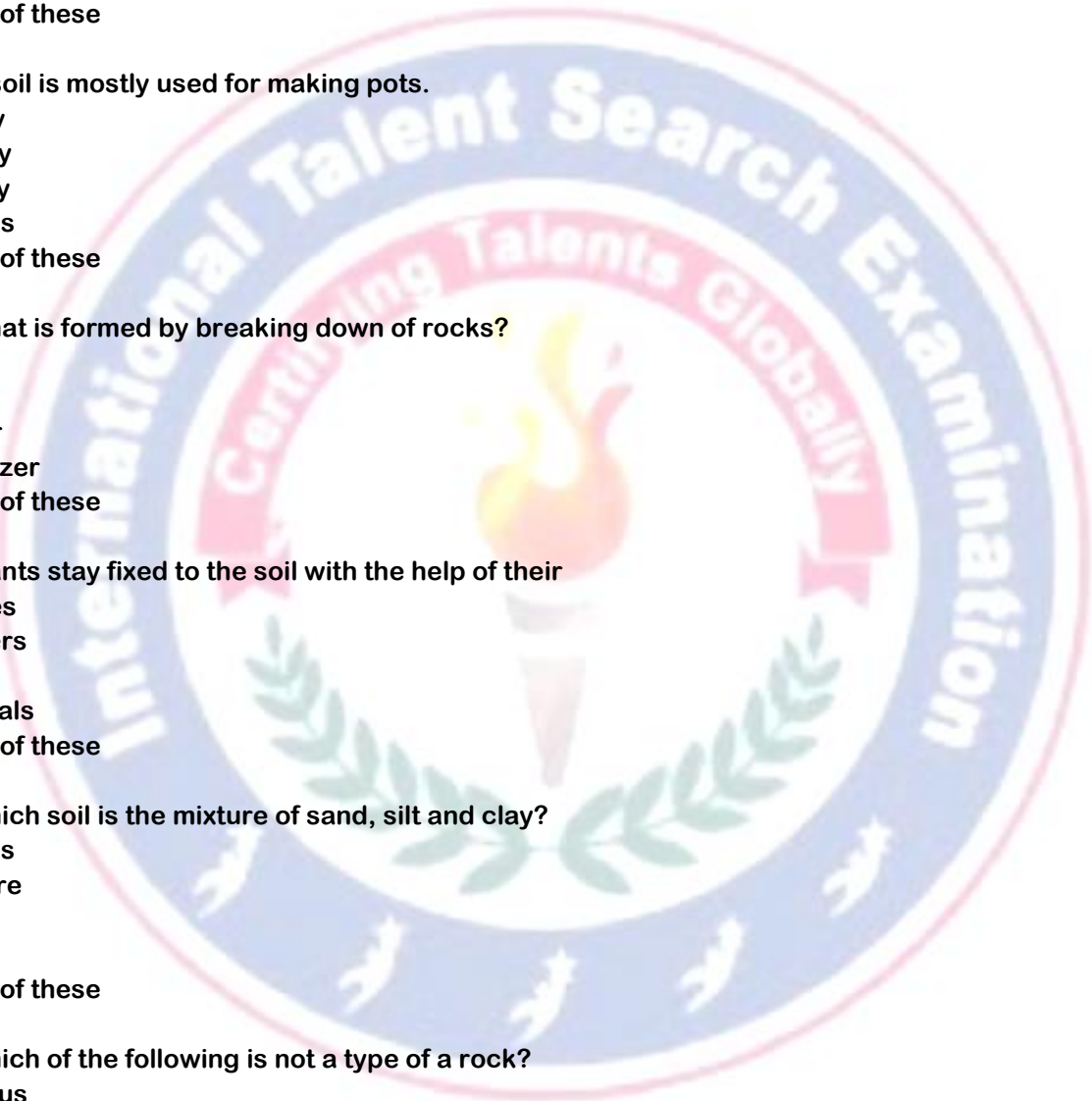
- A) Humus
- B) Manure
- C) Loam
- D) Black
- E) None of these

35. Which of the following is not a type of a rock?

- A) Igneous
- B) Sedimentary
- C) Metamorphic
- D) Mineral
- E) None of these

36. Which of the following changes is reversible?

- A) Changing of milk into curd.
- B) Burning of paper.
- C) Crushing a can.
- D) Baking a cake.



INTERNATIONAL TALENT SEARCH EXAMINATION 2024 - 2025

E) None of these

37. Which of the following statements is not correct?

- A) The earth is made mostly of rocks.
- B) Marble is a hard rock.
- C) Coal is a very hard rock.
- D) All rocks are made up of minerals.
- E) None of these

38. Red fort is made up of which rock among the following?

- A) Granite
- B) Marble
- C) Sandstone
- D) Coal
- E) None of these

39. Which of the following plays an important role in the formation of soil?

- A) Rain
- B) Sunlight
- C) Wind
- D) All the above
- E) None of these

40. The parts of dead plants and animals found in the soil is:

- A) Clay
- B) Humus
- C) Sand
- D) Loam
- E) None of these

41. It makes soil fertile and is rich in humus.

- A) Fertilizer
- B) Manure
- C) Fossil
- D) Rock
- E) None of these

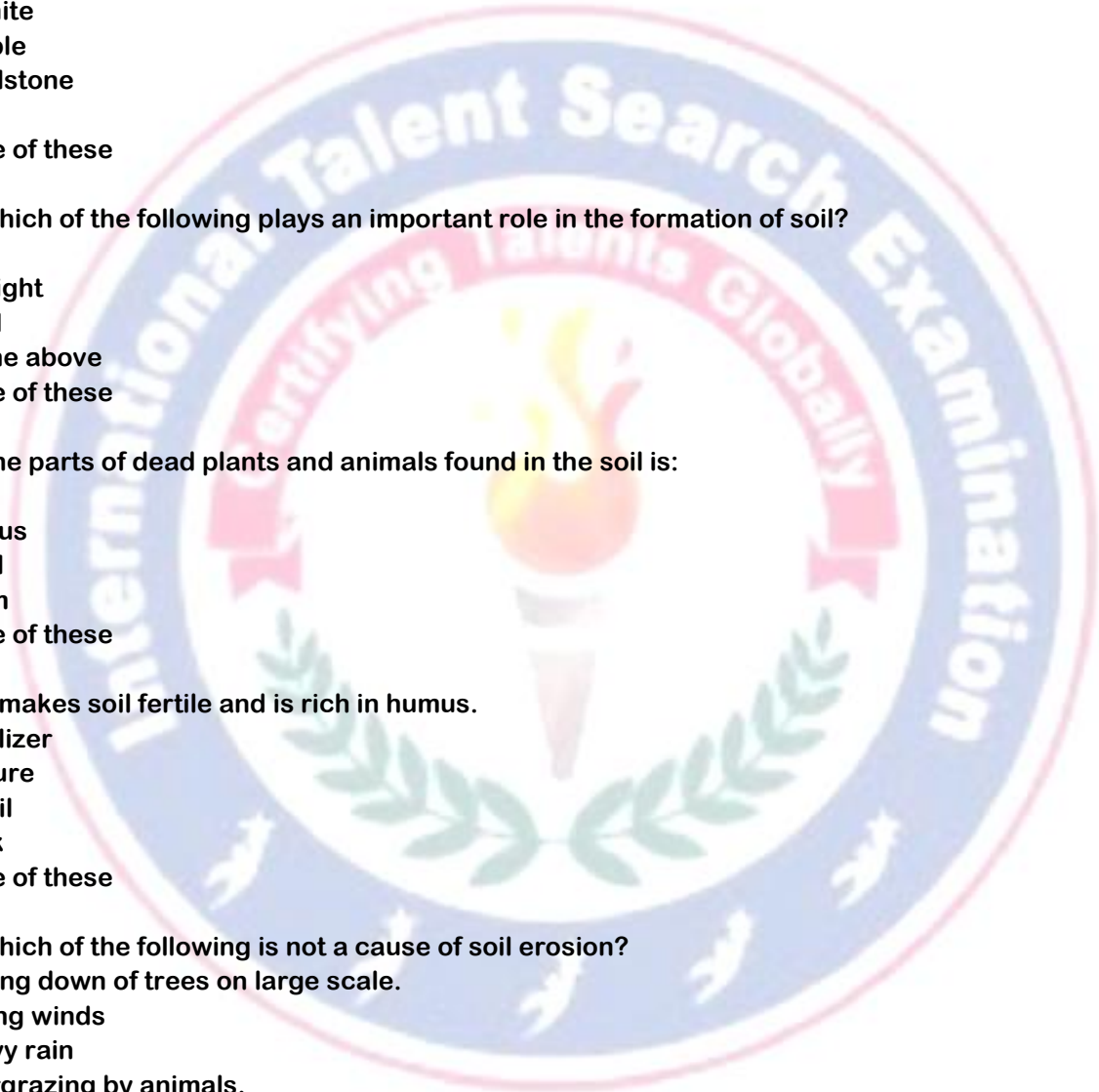
42. Which of the following is not a cause of soil erosion?

- A) Cutting down of trees on large scale.
- B) Strong winds
- C) Heavy rain
- D) Overgrazing by animals.
- E) None of these

43. Which among the following is not present in the soil?

- A) Stone
- B) Sand
- C) Clay
- D) Humus
- E) None of these

44. Remains of dead organisms under the layers of rocks are known as:



INTERNATIONAL TALENT SEARCH EXAMINATION 2024 - 2025

- A) Manures
- B) Fertilizers
- C) Fossils
- D) Humus
- E) None of these

45. Best soil for growing plants is:

- A) Sandy
- B) Clayey
- C) Loamy
- D) Silt
- E) None of these

