

# INTERNATIONAL TALENT SEARCH EXAMINATION 2024 - 2025

## CLASS – V SUBJECT – SCIENCE

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- Which of the following is an aeroplane fuel?
  - Nuclear energy
  - Solar energy
  - Natural gas
  - Petrol
- Which of the following agents is responsible for the continuous heating and cooling of rock and that finally leads to the soil formation?
  - Air and water
  - Plants and trees
  - Sunlight and rain
  - Plants and animals
- Water, minerals, coal and petroleum are
  - Artificial resources
  - Future resources
  - Natural resources underground
  - Natural resources on earth surface
- Which of the following is igneous rock
  - Basalt
  - Quartzite
  - Slate
  - All of these
- In the given options places and type of soil are being matched, identify the wrongly matched
  - Beach →Sandy soil
  - Garden → Loamy soil
  - Swamp →Clay soil
  - School field →Loamy soil
- Petroleum is formed deep inside the earth in millions of years by
  - Bacteria and fungi
  - Dead plants and animals
  - Rock and minerals
  - None of these
- The most beautiful monument of the world the Taj Mahal is made up of
  - Marble, a sedimentary rock
  - Sand stone an igneous rock
  - Granite an igneous rock
  - Marble a metamorphic rock
- Read the given statements  
Statement I: Clay is the smallest particle of soil.  
Statement II: Sand is the smallest particle of soil.  
Which of the following is correct about the above statements?
  - I is true

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- B) II is true
- C) Both I and II are true
- D) Both I and II are false

9. Van Mahotsav is celebrated to

- A) celebrate cutting of trees
- B) for saving trees
- C) save the animals
- D) None of these

10. Which of the following is a sedimentary rock?

- A) Slate
- B) Marble
- C) Granite
- D) Sand stone

11. Which of the following rock preserves the fossils

- A) Igneous
- B) Metamorphic
- C) Sedimentary
- D) All of these

12. The rock used for building materials like tiles and bricks is made from

- A) Limestone
- B) Shale
- C) Sand stone
- D) Granite

13. Regarding soil, which of the following statements is true?

- A) A-zone of horizon of soil contains maximum humus.
- B) B-zone of horizon of soil contains maximum humus.
- C) C-zone of horizon of soil contains maximum humus.
- D) D-zone horizon of soil contains maximum humus.

14. Which of the following rock is like a sponge?

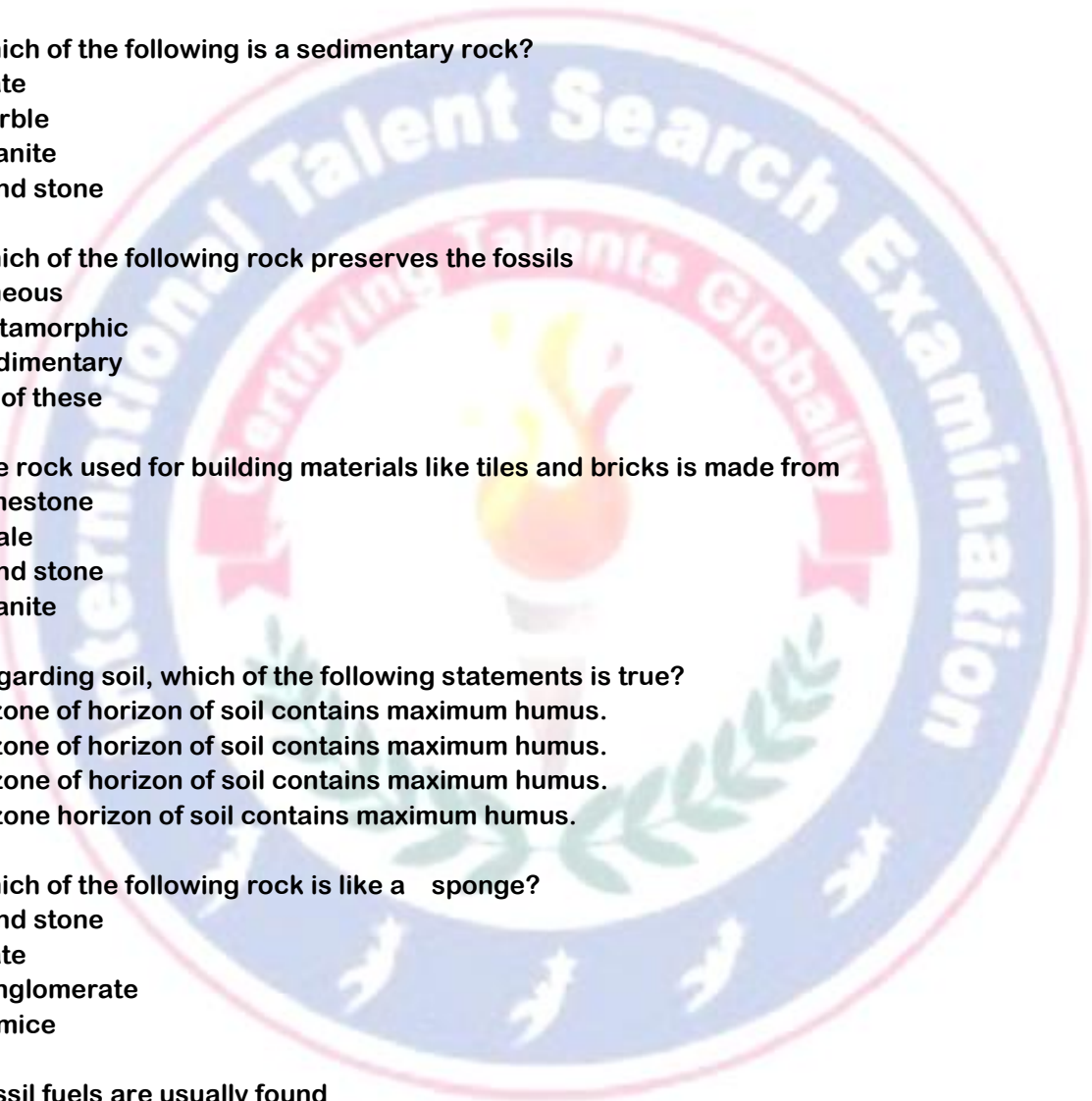
- A) Sand stone
- B) Slate
- C) conglomerate
- D) Pumice

15. Fossil fuels are usually found

- A) In the atmosphere
- B) Below the ground
- C) At the bottoms of sea
- D) Both (b) and (c)

16. Which of the following rocks are known as fiery rock?

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



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17. Which of the following natural resources provides raw materials for plastic paint, fertilizers and cosmetics?
- A) Coal
  - B) Limestone
  - C) Petroleum
  - D) Peat
18. Black gold is the name given to which natural resource?
- A) Gold
  - B) Coal
  - C) Petroleum
  - D) Natural gas
19. Fossil fuels are formed over a long period of time, because of heat and pressure. What was the original things which gets converted to fossil fuels?
- A) Nitrogen mixed with water
  - B) Carbon filtered through limestone
  - C) Organisms buried inside the earth
  - D) Bacteria on the mud surface
20. Lava cools to form.
- A) Sand stone
  - B) Igneous rock
  - C) Sedimentary rocks
  - D) Metamorphic rock
21. Building blocks of rocks are
- A) Sand
  - B) Pebbles
  - C) Stone
  - D) Minerals
22. A large part of forest was cleared by burning. What it will happen to the area?
- A) Soil erosion will increase
  - B) Soil erosion will decrease
  - C) Wild life will increase
  - D) More vegetation will grow
23. Igneous rocks is formed by
- A) burning of rocks
  - B) correction of other rocks
  - C) cooling down of lava from volcano
  - D) All of these
24. Which of the following factors is not responsible for exhaustion of natural resources?
- A) Increase m population
  - B) Increased number of vehicles
  - C) Increased use of renewable resources
  - D) None of these
25. Mineral(s) is / are used for

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- A) fertilizers
- B) gemstones
- C) metal extract
- D) All of these

26. Roof of a house can be:

- A) Flat
- B) Sloped
- C) Dome shaped
- D) All the above
- E) None of these

27. Houses in cold areas mostly have \_\_ to keep the inside warm.

- A) Multistoreyed building
- B) Flat roofs
- C) Fireplaces
- D) Thin walls
- E) None of these

28. The size of a house depends on the:

- A) Budget
- B) Family size
- C) Available space
- D) All the above
- E) None of these

29. Which among the following is used in making kachcha house?

- A) Mud
- B) Bamboo
- C) Palm leaves
- D) All the above
- E) None of these

30. Which type of roofs does a house on hills have?

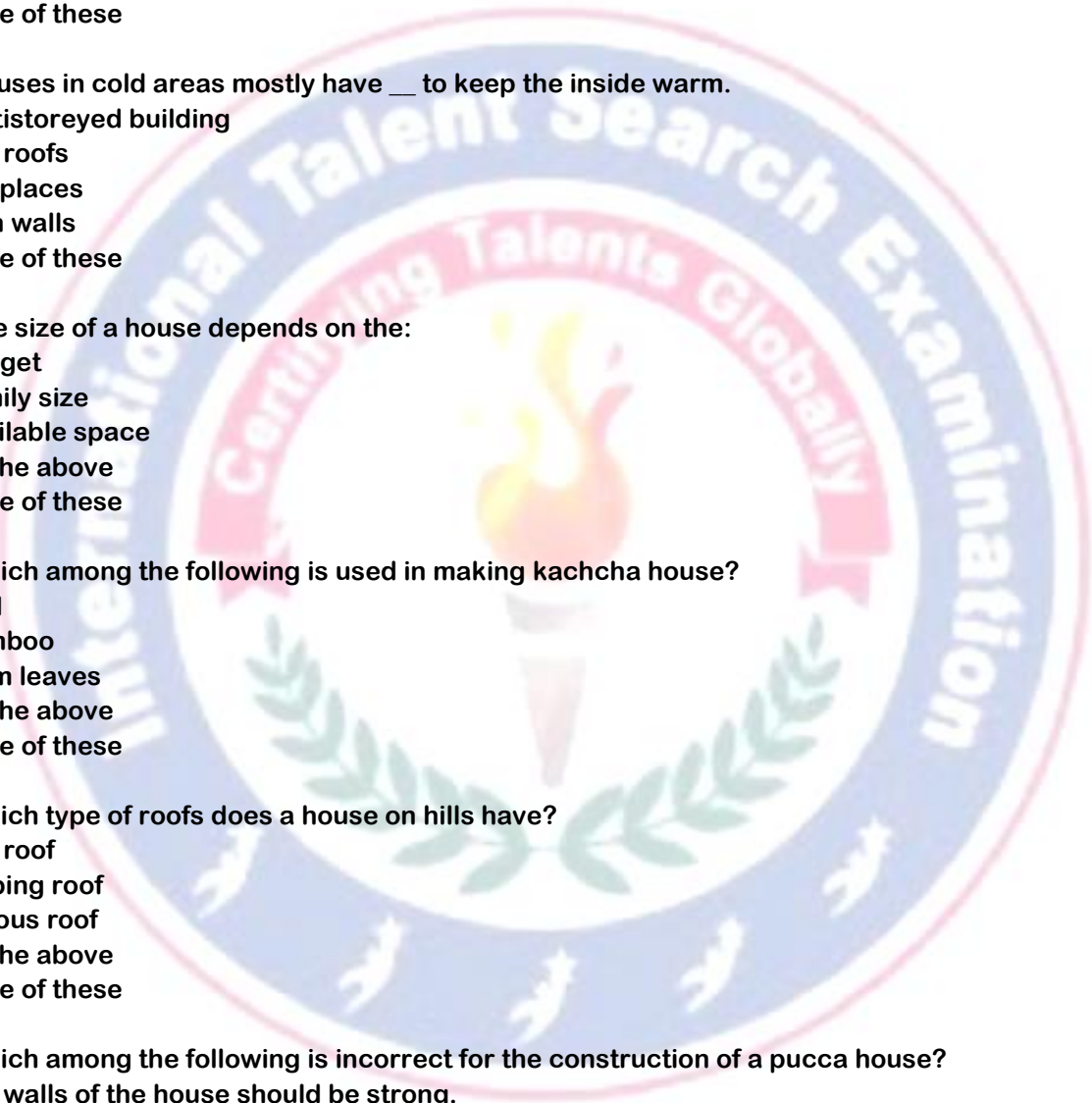
- A) Flat roof
- B) Sloping roof
- C) Porous roof
- D) All the above
- E) None of these

31. Which among the following is incorrect for the construction of a pucca house?

- A) The walls of the house should be strong.
- B) The walls should be made of bricks and cement.
- C) The walls should be well-plastered.
- D) Doors and windows should be placed in such a way that no fresh air should enter into a house.
- E) None of these

32. Glass, is mostly used in various modern buildings because:

- A) It is transparent.
- B) It is unbreakable.
- C) It is soft and flexible.
- D) All the above



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E) None of these

33. Huts are \_\_\_.

- A) Advanced houses
- B) Pucca houses
- C) Kachcha houses
- D) Pant houses
- E) None of these

34. These houses are made of brick and cement?

- A) Kachcha houses
- B) Huts
- C) Temporary houses
- D) Pucca houses
- E) None of these

35. To keep the house cool during summer, the roofs are made \_.

- A) Low
- B) High
- C) Circular
- D) Triangular
- E) None of these

36. When a building is set up to utilize the natural winds that blow across it is:

- A) Hidden ventilation
- B) Closed ventilation
- C) One way ventilation
- D) Cross ventilation
- E) None of these

37. Doors and windows should have \_\_\_ so that flies and mosquitoes cannot enter the house.

- A) Iron grill
- B) Small holes
- C) Wire Netting
- D) Cloth netting
- E) None of these

38. Huts are generally found in:

- A) Capitals of cities
- B) Metro cities
- C) Villages
- D) Towns
- E) None of these

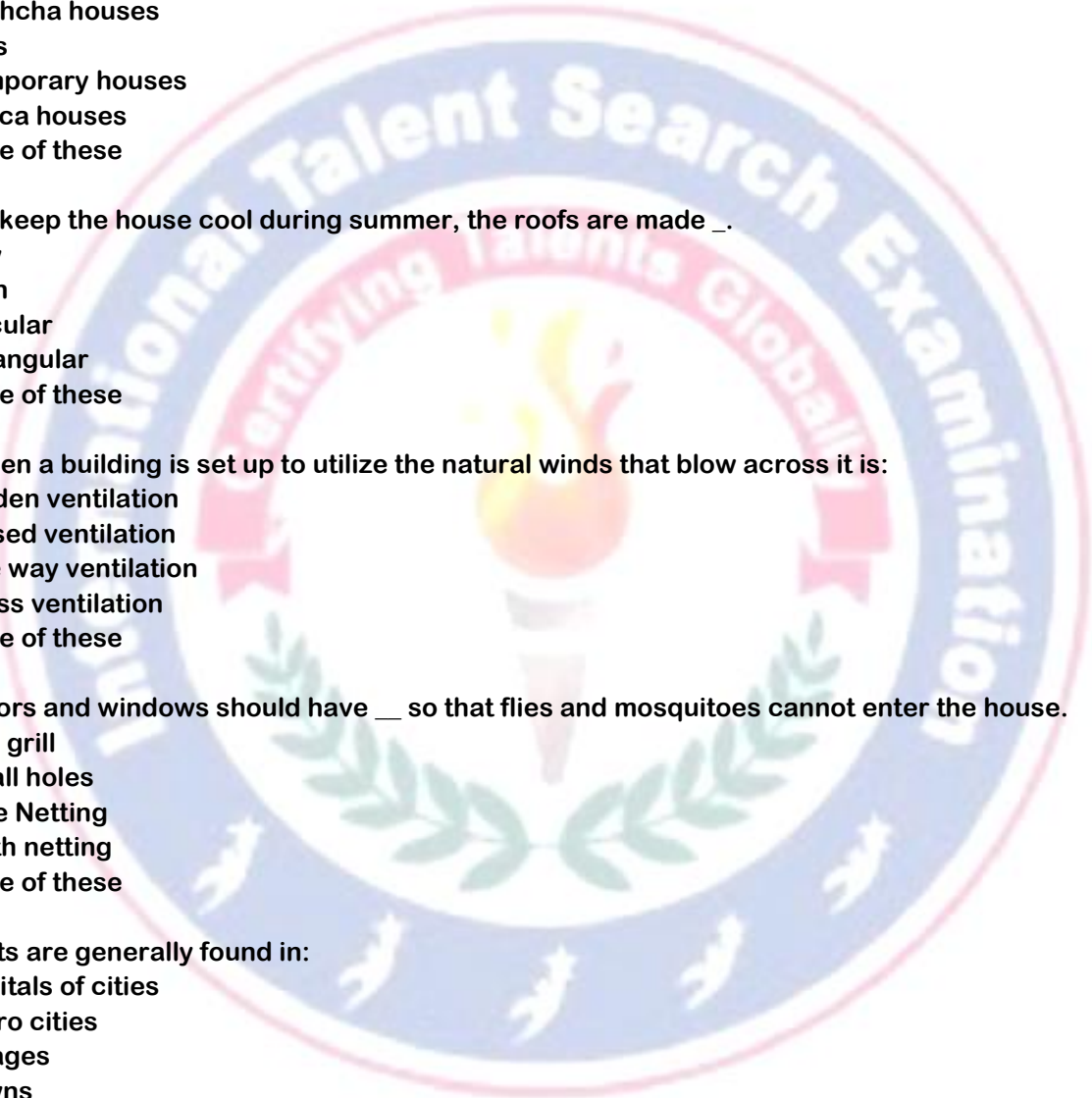
39. Match the following:

Column A                      Column B

- |               |                        |
|---------------|------------------------|
| i. Igloo      | A. Floating house      |
| ii. Houseboat | B. House made of cloth |
| iii. Tent     | C. House on Wheels     |
| iv. Caravan   | D. House made of ice   |

A) (i - C), (ii - A), (iii - D), (iv - B)

B) (i - D), (ii - A), (iii - B), (iv - C)



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- C) (i - B), (ii - D), (iii - C), (iv - A)
- D) (i - D), (ii - C), (iii - B), (iv - A)
- E) None of these

40. Which one among the following is correct for the given statement?

Statement 1: Architect designs house and Mason builds them.

Statement 2: Mason designs houses and architect builds them.

- A) Statement 1 is true and 2 is false.
- B) Statement 2 is true and 1 is false.
- C) Both the statements 1 and 2 are false.
- D) Both the statements 1 and 2 are true.
- E) None of these

41. Houses built on stilt are mainly found where:

- A) The climate is hot.
- B) It rains a lot.
- C) The climate is cold.
- D) It rains once a year.
- E) None of these

42. Houses in areas having high snowfall and rain have:

- A) U shaped roof
- B) Flat roofs
- C) Sloping roofs
- D) No roofs
- E) None of these

43. How many storey are there in a multistorey building?

- A) One storey
- B) Two storeys
- C) Many storeys
- D) Uncountable storeys
- E) None of these

44. This house is permanent and cannot shift from one place to another.

- A) Caravan
- B) Tent
- C) Houseboat
- D) Bungalow
- E) None of these

45. A mobile house means:

- A) A permanent house
- B) A caravan
- C) An igloo
- D) A hut
- E) None of these

