

INTERNATIONAL TALENT SEARCH EXAMINATION

2024 – 2025 PRACTICE PAPER

Class-6th (Science)

Set - C

TIME : 1Hr

M M : 180

Instructions:

- Choose the correct answer by circling the letter of your choice in OMR sheet.
- There is only one correct answer for each question.
- Each correct answer carrying 4 marks and -1 for incorrect
- Attempt all questions.

1. Oil, Ghee and Butter are rich sources of:
(A) Proteins (B) Vitamins
(C) Fats (D) Carbohydrates
2. Spices are obtained from:
(A) Plants (B) Animals
(C) Honey-bees (D) Squirrels
3. Sugar, obtained from sugarcane is a:
(A) Fat (B) Protein
(C) Vitamin (D) Carbohydrate
4. Which of these is the richest source of energy?
(A) Proteins (B) Fats
(C) Vitamins and minerals (D) None of these
5. Carbohydrates are:
(A) Body-building foods (B) Energy-giving foods
(C) Needed for repair of tissues (D) Fibrous components of foods
6. The source of roughage in our food is:
(A) Corn cob (B) Dalia

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- (C) Salad (D) All of these
7. Cotton is obtained from the of cotton plants.
- (A) Flower (B) Fruit
(C) Seeds (D) Stems
8. In India, jute is mainly grown in
- (A) West Bengal (B) Bihar
(C) Assam (D) All of these
9. The fruit of cotton plant are about the size of a
- (A) Orange (B) Lemon
(C) Apple (D) Pineapple
10. The use of any material depends on
- (A) Its properties (B) The purpose for which it is to be used
(C) Both (A) and (B) (D) None of these
11. Identify the materials soluble in water :
- (A) Salt (B) Sugar
(C) Both (A) and (B) (D) None of these
12. Identify the materials which are soft.
- (A) Cotton (B) Wool
(C) Silk (D) All of these
13. Rotatory motion is possessed by
- (A) spinning top (B) electric drill
(C) simple pendulum (D) car moving on a straight road
14. The motion of a stone dropped from a roof is
- (A) rectilinear (B) curvilinear

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- (C) oscillatory (D) circular
15. Transpiration takes place in:
(A) Stem (B) Leaves
(C) Flowers (D) Roots
16. Carrot, turnip, sweet potato are:
(A) Root (B) Stem
(C) Leaf (D) Flower
17. Androecium is the part of:
(A) Stem (B) Root
(C) Leaf (D) Flower
18. Pure substances that make up a mixture are
(A) Elements (B) Compounds
(C) Either (A) or (B) (D) Constituents
19. Hand picking method is useful in
(A) Solid mixture (B) Liquid mixture
(C) Gaseous mixture (D) All of the above
20. "Combine" is used for
(A) Winnowing (B) Sieving
(C) Threshing (D) Sedimentation
21. Which of these is an irreversible change?
(A) Melting of ice (B) Melting of wax
(C) Boiling of water (D) Burning of wax
22. Ripening of fruit is a
(A) Physical change (B) Chemical change

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- (C) Reversible change (D) None of the above
23. Charring of sugar is a
- (A) Physical change (B) Desirable change
(C) Chemical change (D) Slow change
24. Which of these is not a property of an image formed by a plane mirror?
- (A) It is of the same size as the object.
(B) It does not show any details of the object.
(C) It is of the same colour as the object.
(D) erect
25. The kind of object that obstructs the light coming from a source only partially
- (A) can be a translucent or an opaque object.
(B) can be a transparent or a translucent object.
(C) is a translucent object.
(D) is an opaque object.
26. To get a shadow, we need
- (A) only a source of light.
(B) only an opaque object.
(C) both a source of light and an opaque object.
(D) neither a source of light nor an opaque object
27. The bones at the joints are held together by:
- (A) Ligaments (B) Cartilage
(C) Tendons (D) Bone marrow
28. Which of these acts as a shock absorber fluid at the joints?
- (A) Synovial fluid (B) Ligaments
(C) Tendons (D) Biceps

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29. A group of cells specialized to perform a specific task is known as a/an:
- (A) Tissue (B) Organ
(C) Organ system (D) Organism
30. Which of the following is not related to drought?
- (A) No rain
(B) Shortage of food and fodder
(C) Melting of mountain snow
(D) Falling of the water table
31. Floods affect the soil by resulting in :
- (A) Erosion (B) Hardening
(C) Drying up (D) Cracking
32. Which of the following is not a conductor?
- (A) copper (B) mica
(C) silver (D) iron
33. Which of the following is an insulator?
- (A) copper (B) rubber
(C) silver (D) iron
34. The path along which electric current flows is called a :
- (A) Circuit (B) Key
(C) Conductor (D) Earthing
35. Which one among the following is responsible for buoyancy in hydrophytes?
- (A) Temperature (B) Soil
(C) Light (D) Air cavities within their body

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36. Carnivores are also called as:
- (A) Primary consumers (B) Secondary consumers
(C) Producers (D) Scavengers
37. The place where an organism lives is called.....
- (A) Habit (B) Habitat
(C) Environment (D) Adaptation
38. Select the false statement among the following:
- (A) All the drains must be connected to sewer system.
(B) Macro – organisms decompose the organic matter present in sewage.
(C) Standing dirty water emits foul smell.
(D) Sewage consists of human excreta.
39. Redworms are used for:
- (A) Vermicomposting (B) Composting
(C) Recycling of paper (D) Recycling of plastic bags
40. Which of these parks is built on a landfill?
- (A) Kanha National Park (B) Jim Corbett National Park
(C) Indraprastha Park in New Delhi (D) Millenium Park in Delhi
41. Which gas is released more by plants, during day?
- (A) CO₂ (B) Oxygen
(C) Ozone (D) Nitrogen
42. Incomplete combustion of fuels doesn't contribute to_____.
- (A) Photochemical smog (B) Acid rain
(C) Global warming (D) Both (A) & (B)
43. A magnet A attracts another metal piece B. Then,

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- (A) B is necessarily a magnet
- (B) B is necessarily unmagnetised
- (C) B may either be a magnet or an unmagnetised iron piece.
- (D) B is necessarily an aluminium piece.
44. A magnet X repels another metal piece Y. Then,
- (A) Y is necessarily a magnet
- (B) Y is necessarily unmagnetised
- (C) Y may either be a magnet or an unmagnetised iron piece.
- (D) Y is necessarily an aluminium piece.
45. If we bring a North and South pole together which word or phrase best describes what happens?
- (A) repulsion (B) Brownian motion
- (C) reaction (D) attraction

