

# INTERNATIONAL TALENT SEARCH EXAMINATION

## 2024 – 2025 PRACTICE PAPER

### Class-6th (Science ) ( Set – B)

TIME : 1Hr

MM : 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. Which of the following is not a food product derived from plants?

- (A) Rice (B) Cauliflower  
(C) Groundnuts (D) Honey

2. Protein-rich food(s) is/are:

- (A) Beans (B) Potatoes  
(C) Banana (D) Sugar

3. Which mineral is necessary for the formation of haemoglobin?

- (A) Potassium (B) Phosphorus  
(C) Calcium (D) Iron

4. Which is a water-soluble vitamin?

- (A) Vitamin D (B) Vitamin C  
(C) Vitamin E (D) Vitamin A

5. Which of the following is made up of amino acids?

- (A) Carbohydrates (B) Fats  
(C) Proteins (D) Nucleic Acid

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6. Coconut fibres can not be used for making
- (A) Mattresses (B) Ropes  
(C) Clothes (D) None of these
7. Natural fibres are obtained from
- (A) Plants (B) Chemicals  
(C) Animals (D) Both (A) and (C)
8. .... of yarns is done on looms.
- (A) Spinning (B) Knitting  
(C) Weaving (D) Ginning
9. Which property is common to all matter?
- (A) Matter takes up space and has no mass  
(B) Matter can be seen and has some mass  
(C) Matter takes up space and has mass  
(D) Matter takes up space and may or may not have mass
10. There are about 118 different types of
- (A) Elements (B) Molecules  
(C) Mixtures (D) Compounds
11. Which of the following material is lustrous?
- (A) Wood (B) Gold  
(C) Paper (D) Sulphur
12. Motion is of
- (A) two types (B) three types  
(C) four types (D) many types
13. Oscillatory motion is possessed by

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- (A) Potter's wheel (B) spinning top  
(C) simple pendulum (D) car moving on a straight road
14. The region of the stem from where leaves grow is called:  
(A) Nodes (B) Internodes  
(C) Axils (D) buds
15. The thread like coiled structure with the help of which plants of the gourd family climb are called:  
(A) Leaf tendrils (B) Spines  
(C) Hooks (D) Stem tendrils
16. The male part of the flower is called:  
(A) Pistil (B) Carpel  
(C) Stamen (D) Sepal
17. The heavy solid particles which settle down at bottom are  
(A) Decants (B) Sediments  
(C) Filtrate (D) Supernatant
18. Winnowing cannot be done without  
(A) Soil (B) Water  
(C) Wind (D) Oxygen
19. The following is not used as a filter  
(A) Cotton cloth (B) Glass wool  
(C) Wheat grains (D) Filter paper
20. In a physical change  
(A) The molecules of the substance do not change  
(B) The molecules of the substances change  
(C) Atoms forming the molecules undergo changes

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- (D) New substances are formed
21. If two substances are brought in contact, it will result in
- (A) A physical change only  
(B) A chemical change only  
(C) Either a physical or chemical change, depending on conditions  
(D) A chemical change if they are heated together otherwise, a physical change
22. Chemical changes are
- (A) Always irreversible (B) Mostly irreversible  
(C) Always reversible (D) Physical change
23. Light is
- (A) visible and also makes objects on which it falls visible.  
(B) invisible but makes objects on which it falls visible.  
(C) invisible but becomes visible when it falls on an object.  
(D) sometimes visible and sometimes invisible but it always makes objects on which it falls visible.
24. The shape and size of a shadow depends on
- (A) the shape and size of the object.  
(B) the position of the source of light.  
(C) the distance between the source of light and object.  
(D) all of the above
25. Which of these is not a luminous source of light?
- (A) sun (B) moon  
(C) lighted candle (D) stars
26. In which of these organ systems, do the males and females have different organs?

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- (A) Nervous system (B) Muscular system  
(C) Excretory system (D) Reproductive system
27. Which of these has the least number of movable joints?  
(A) Skull (B) Backbone  
(C) Arms and hands (D) Legs and feet
28. The hinge joint allows movement in:  
(A) All directions  
(B) One plane only  
(C) Two planes only  
(D) Depends on where the joint is located in the body
29. Which of the following takes place in cloud formation?  
(A) Evaporation (B) Condensation  
(C) Evaporation followed by condensation (D) Sublimation
30. The amount of water on the earth is.  
(A) Increasing (B) Decreasing  
(C) Constant (D) Uncertain
31. A combination of two or more cells is called.  
(A) Bell (B) Circuit  
(C) Battery (D) Conductor
32. An electric cell converts  
(A) Light energy into chemical energy (B) Chemical energy into electric energy  
(C) Electric energy into light energy (D) Light energy into electric energy
33. A switch can  
(A) on a circuit (B) off a circuit

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- (C) both on and off a circuit (D) none of these
34. How birds protect themselves from cold? Match your answer with the following:
- (A) They have long legs (B) Feathery coat on their body  
(C) They go deep into the earth (D) They have sharp eyesight
35. In some animals the colour of skin and their surroundings where they are living is same. What is this known as?
- (A) Nocturnal (B) Camouflage  
(C) Locomotion (D) All of these
36. In a cactus plant, the leaf like structure is actual a:
- (A) Stem (B) Leaf  
(C) Root (D) Flower
37. A low lying open area used to store city garbage is called:
- (A) Garbage House (B) Trace bin  
(C) Landfill (D) Pond
38. Sewage majorly pollutes:
- (A) Atmosphere (B) Air  
(C) Water (D) Wind
39. Collecting and reprocessing a resource to reuse it or make it useful is called:
- (A) Petrochemicals (B) Recycling  
(C) Ecology (D) Landfill
40. Which of the following gases protect us from ultra violet rays of the Sun?
- (A) Oxygen (B) Ozone  
(C) CO<sub>2</sub> (D) Nitrogen
41. Out of these which is not a breathing organ?
- (A) Stomata (B) Gills

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- (C) Lungs (D) Mouth
42. A magnet will attract
- (A) the iron clips (B) a piece of cloth  
(C) a pencil (D) all the above
43. The 'attractive power' of a rectangular bar magnet is maximum
- (A) only at its left end. (B) only at its right end.  
(C) at its both ends (D) is equal all along its length
44. The two ends of a bar magnet are called the
- (A) roads (B) poles  
(C) backs (D) ends
45. Which of the following is an omnivore?
- (A) Goat (B) Crow  
(C) Tiger (D) Deer

