

INTERNATIONAL TALENT SEARCH EXAMINATION

2024 – 2025 PRACTICE PAPER

Class-6th (Science)

Set – D

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 1 mark and -1 for incorrect
- Attempt all questions.

1. Cinnamon, turmeric, chilly powder etc. are examples of:
(A) Vegetables (B) Spices
(C) Animal products (D) Milch animals
2. Which one of the following can't be digested by our body?
(A) Rice (B) Roughage
(C) Pulses (D) Proteins
3. *Venus flytrap* is an:
(A) Omnivorous animal (B) Oil-yielding plant
(C) Insectivorous plant (D) Insect
4. Which of the following is essential for body growth and formation of new cells?
(A) Minerals (B) Carbohydrate
(C) Proteins (D) Vitamins
5. Which of these provides energy?
(A) Vitamins (B) Minerals
(C) Carbohydrates (D) Water
6. Which of these forms most of our body weight?
(A) Proteins (B) Fats

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(C) Carbohydrates

(D) Water

7. Select the odd one out:

(A) Cotton

(B) Jute

(C) Wool

(D) Rayon

8. Biodegradable substances are

(A) Which are decomposed by bacterial action

(B) Which are not decomposed by bacterial action

(C) Cotton and starch

(D) Both (A) and (C)

9. Which one is synthetic fibre_____.

(A) Wool

(B) Nylon

(C) Silk

(D) Cotton

10. Identify the odd one on the basis of the miscibility with water :

(A) Milk

(B) Oil

(C) Ink

(D) Alcohol

11. Which of the following is/are bad conductor(s) of heat?

(A) Wood

(B) Plastic

(C) Glass

(D) All of these

12. Cooking utensils can be made up of

(A) Aluminium

(B) Wood

(C) Plastics

(D) None of these

13. The motion of the arms of soldiers on a march past is

(A) circular

(B) oscillatory

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- (C) random (D) nonperiodic
14. The ticker-timer is often used in the laboratories to measure
(A) speed (B) units of electricity
(C) time interval (D) mass
15. Which flower gives off the smell of rotting meat to attract pollinating flies?
(A) *Rafflesia* (B) Lily
(C) Rose (D) Lavender
16. Which green pigment is responsible for trapping sunlight?
(A) Carbohydrates (B) Chlorophyll
(C) Stomata (D) Polysaccharide
17. In which plant, leaves are modified into spines for defence?
(A) Lentil (B) Glory lily
(C) Dagger plant (D) Pea
18. The liquid collected after decantation is called
(A) Decanted liquid (B) Sedimented liquid
(C) Filtered liquid (D) Supernatant liquid
19. Which method is best to separate Iron and Sulphur mixture?
(A) Magnetic separation (B) Sieving separation
(C) Sedimentation (D) Evaporation
20. To separate tea leaves from tea we use
(A) Filtration (B) Sedimentation
(C) Decantation (D) Sieving
21. When a change occurs
(A) Energy is always absorbed (B) Energy is always evolved

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- (C) Energy is either absorbed or evolved (D) Energy changes do not occur
22. Evaporation of water is a
- (A) Physical change (B) Very fast change
(C) Irreversible change (D) Chemical change
23. Solubility of sugar in water can be increased by
- (A) Increase in temperature (B) Decrease in temperature
(C) Increase in quantity of sugar (D) None of these
24. The image formed by a plane mirror
- (A) is an erect image.
(B) is of the same size as that of object.
(C) shows an interchange of 'right and left'.
(D) shows all the three characteristics listed above.
25. We are able to see different objects around us through
- (A) their shadows. (B) regular reflection.
(C) both regular and diffused reflection. (D) diffused reflection.
26. The pinhole camera produces
- (A) an erect and enlarged image. (B) an inverted and enlarged Image.
(C) an inverted and diminished image. (D) an erect and diminished image.
27. Doctors who help to heal injuries of bones, joints and the muscles attached to bones are called.....
- (A) Dentist (B) Paediatrician
(C) Orthopaedic surgeons (D) Nephrologists
28. What is the function of the skeletal system?

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- (A) Support the body (B) Give shape to the body
(C) Work with muscles to move the body (D) All of the above
29. What makes up the skeletal system?
(A) Blood (B) Organ
(C) Bones (D) Tissues
30. Examples of two aquatic organisms are :
(A) Elephants and fishes (B) Whales and dolphins
(C) Lotus and tomato (D) Hydrilla and banana
31. The taste of water is due to :
(A) Oxygen (B) Non-Metals
(C) Dissolved salts (D) Metals
32. When switch is _____ current does not flow :
(A) Open (B) Isolated
(C) Closed (D) None of these
33. Direction of current is:
(A) From positive terminal to negative always
(B) From negative terminal to positive always
(C) Cannot be determined
(D) Depends on the appliances connected
34. The nature of charge on an electron is:
(A) Positive (B) Negative
(C) Neutral (D) None of these
35. Deer have eyes on the sides of the head to:

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- (A) Look in all directions at the same time (B) Judge distances
(C) See in the dark (D) Make out shapes
36. Organisms that cannot be seen with the naked eye are known as:
(A) Macro-organisms (B) Microorganisms
(C) Mini-organisms (D) Mega-organisms
37. Which of these enable the nutrients present in the bodies of plants and animals to go back to the soil after they die?
(A) Producer (B) Primary consumers
(C) Decomposers (D) Secondary consumers
38. Mark odd one out among the following:
(A) Fruit, vegetable peels, meat and bones (B) leaves, flowers, paper
(C) Pencil shavings, wooden chairs, leaves (D) Plastics, metal, glass
39. Which of these methods is used to reduce the amount of gaseous waste being released into the air?
(A) Use of unleaded fuels in automobiles (B) Catalytic converters
(C) Use of CNG (D) All of the above
40.waste is that waste which is capable of being broken down by living organisms called microorganisms.
(A) Biodegradable (B) Non-biodegradable
(C) Artificially degradable (D) Non-degradable
41. If some material is burnt in a closed room, we feel suffocation due to the production of excess :
(A) CO (B) CO₂
(C) O₂ (D) N₂
42. Oxygen is a :
(A) Colourless gas (B) Odourless gas

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- (C) Tasteless gas (D) All of these
43. Which pole of a magnet in a compass points north?
- (A) North Pole (B) South Pole
(C) Neutral pole (D) none of these
44. What advantage does an electromagnet have over a permanent magnet?
- (A) A permanent magnet cannot be used to pick up nickel
(B) An electromagnet is lighter
(C) An electromagnet can be used for picking up more metals.
(D) An electromagnet can be switch off.
45. How can an electromagnet be made stronger?
- (A) Add more coils of wire (B) Add an iron core
(C) Increase the voltage (D) All are correct

