

Duration : 60 min.  
Class : 4th

Maximum Marks : 180  
Subject : SCIENCE



## International Talent Search Examination - 2022-23

अंतराष्ट्रीय प्रतिभा खोज परीक्षा - २०२२-२३

Organized by

Savitri Skill Development Institute, Training Partner with  
Ministry of Micro Small & Medium Enterprises (MSME), Govt. of India.



### TEST BOOKLET

Name : .....

Class : ..... School: .....

Father's Name : ..... Father's Occupation : .....

Mother's Name : ..... Mother's Occupation : .....

Categories : Gen  OBC  SC  ST

Correspondence Address : .....

Date of Birth :

Father's Contact No :

Home/Mother's Contact No. :

WhatsApp No. :

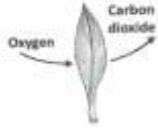
#### Basic Instructions:

- Ensure that your personal data has been entered correctly.
- Immediately after opening the test booklet verify that all the pages are printed properly and are in order. If there is a problem with your test booklet, immediately inform the invigilator. You will be provided with the replacement.
- All questions are compulsory.
- For every correct answer you will be awarded with 4 marks and for all incorrect answer 1 mark will be deducted.
- Directions for answering the questions are given. Read those directions carefully and answer the question by circling the bubble in the OMR Sheet Provided to you. Test booklet/OMR Sheet will be submitted at the end of the examination.
- Follow the instructions given by the invigilator. Students found violating the instructions will be disqualified.
- Rough work can be done separately or on the Question paper.
- Please fill the bubbles in OMR sheet with Blue or Black pen only.
- Do not tear the question paper or OMR sheet else you will be disqualified in the examination.

## CLASS-4 (SCIENCE)

Q.1 Hydrilla and tape grass plants are \_\_\_\_\_  
 a) floating plants                      b) fixed plants                      c) underwater plants                      d) Both a and b

Q.2 During which of the following times of the day does the process shown here takes place in plants?



a) Morning ho                      b) Evening hours                      c) Night time                      d) All the time

Q.3 We all know that animals eat plants but there are some plants which eat small insects. Such plants are called insectivorous plants. Which of the following is an example of them?

a) Vallisneria                      b) Venus fly trap                      c) Duckweed                      d) Jasmine

Q.4 The four boxes P, Q, R and S given below contain the edible part of the plants. A ginger can be placed in which of the four boxes given here?

P	Q	R	S
Rice	Mango	Carrot	Potato
Pulses	Pumpkin	Turnip	Sugarcane

a) P                      b) Q                      c) R                      d) S

Q.5 Which of the following plants has breathing roots?

a) Banyan                      b) Sugarcane                      c) Maize                      d) Mangrove

Q.6 "Living things can move on their own". Which of the following does not demonstrate the above statement?

a) Walking man                      b) A flying bird                      c) A moving car                      d) A blooming flower

Q.7 Abhi knew that plants adapt themselves to the conditions in the environment in which they live. He observed a plant and noticed the following characteristics:

1. It has lots of branches and leaves.
2. It can withstand summer heat.
3. It sheds its leaves in the autumn.

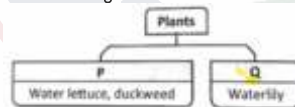
Abhi is not able to identify the type of plant. Can you help him?

a) It is a plant that grows in plains.                      b) It is a plant of hilly areas.  
 c) It is a plant that lives under water.                      d) It is a plant that grows in marshy areas.

Q.8 We have different types of teeth canines, incisors, premolars and molars. How do teeth help in digestion?

a) They produce digestive juices.                      b) They break down or digest food into simple substances.  
 c) They protect our digestive organs.                      d) They tear, cut, crush or grind food into smaller pieces.

Q.9 Look carefully at the classification table given below. What could P and Q represent?



a) P: Floating, Q: Fixed                      b) P: Floating, Q: Fully submerged  
 c) P: Partially submerged, Q: Floating                      d) P: Partially submerged, Q: Fully submerged

Q.10 Which of these plants has pot like structures to trap insects?

a) Venus fly trap                      b) Sundew                      c) Pitcher                      d) Dusk weed

Q.11 What is present in green leaves that helps in photosynthesis?

a) Melanin                      b) Glucose                      c) Chlorophyll                      d) Iodine

Q.12 Which of these is not a milk product?

a) Butter                      b) Curd                      c) Eggs                      d) Cheese

Q.13 Which of these is a fixed plant?

a) Water hyacinth                      b) Water lily                      c) Water lettuce                      d) Duckweed

Q.14 Does the process of digestion continue while we sleep?

a) No                      b) Yes                      c) in some people                      d) no reason



Q.32 What does this picture show?

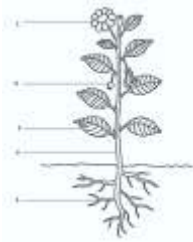


- a) Afforestation                      b) Deforestation                      c) Both (A) and (B)                      d) None of the above

Q.33 Pick the correct option. 56: 65:: 96:

- a) 69                      b) 70                      c) 71                      d) 72

Q.34 Which option has chlorophyll for photosynthesis?



- a) 1                      b) 2                      c) 3                      d) 4

Q.35 Which was the first synthetic fiber?

- a) Nylon                      b) Polyester                      c) Lycra                      d) Rayon

Q.36 The \_\_\_\_\_ helps to mix food with saliva.

- a) Tongue                      b) Teeth                      c) Saliva                      d) None

Q.37 Which of these are not found on the hills?

- a) Banyan tree                      b) Spruce tree                      c) Fir tree                      d) Pine tree

Q.38 Where do we wear casual clothes?

- a) School                      b) Office                      c) Home                      d) Army

Q.39 Which of these is insoluble?

- a) Salt                      b) Sugar                      c) Sand                      d) Both (a) and (b)

Q.40 Sometimes in the sky we see a string of light for a very few moment. Actually these are meteors which burn on entering into the atmosphere of the earth. Which one of the following gives the required heat energy to the meteors to be burnt?

- (A) Friction                      (B) Gravitation                      (C) Upthrust                      (D) All of these

Q.41 Jasmine took some soil in a covered container. She heated it slowly, after some time she observed some droplets of water under the cover of the container. What does this show?

- (A) Soil has humus                      (B) Soil has sand                      (C) Soil has gravel                      (D) Soil has water

Q.42 All the stars that we see in the sky are not equally bright. Choose the correct reason for this.

- (A) Distance of the star from us                      (B) Earth is a small planet                      (C) Amount of light that the star emits                      (D) Both (A) and (C)

Q.43 Which of these changes are not permanent?

- (A) Rusting of iron                      (B) Burning of paper                      (C) Growth of seedling into a plant                      (D) Change of water into ice

Q.44 Identify the mammal from the following.

- (A) Anaconda                      (B) Dolphin                      (C) Ostrich                      (D) Komodo dragon

Q.45 The dangerous ultraviolet rays from the sun are stopped in the upper part of the atmosphere. The layer which protects us from harmful ultraviolet rays, is present mainly in:

- (A) Troposphere                      (B) Hydrosphere                      (C) Stratosphere                      (D) Exosphere