Duration : 60 min.

Class : 4th

Maximum Marks : 180
Subject : SCIENCE



International Talent Search Examination - 2022-23

अंतर्राष्ट्रीय प्रतिभा खोज परीक्षा - २०२२-२३





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

TEST ROOKLET

	1231 200		
Name :			
Class:			
Father's Name :	Ta Fathe	er's Occupation :	
Mother's Name :	Moth	er's Occupation :	
Categories : Gen	ОВС	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.
- ii. 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 provided with the replacement.
- iii. All questions in are compulsory.
- iv. For every correct answer you will be awarded with 4 marks and for all incorrect answer 1 mark will be deducted.
- v. 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.
- vi. Follow the instructions given by the invigilator. Students found violating the instructions will be disqualified.
- vii. Rough work can be done separately or on the Question paper.
- viii. Please fill the bubbles in OMR sheet with Blue or Black pen only.
- ix. 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 plant following is an example of them?	s but there are some plants which ea		t small insects. Such plants are called insectivorous plants. Which of the				
	a) Vallisneria	b) Venus fly trap	c)	Duckweed	d) Jasmine			
Q.4	P Q R S Rice Mango Carrot Potato Pulses Pumpkin Turnip Sugarcane	lent		nts. A ginger can be placed in which o				
	a) P	b) Q	c)	R	d) S			
Q.5	Which of the following plants has bab Banyan	b) Sugarcane	c)	Maize	d) Mangrove			
Q.6	"Living things can move on their or a) Walking man	wn". Which of the following does not b) A flying bird		onstrate the above statement? A moving car	d) A blooming flower			
Q.7	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 plainsc) It is a plant that lives under wa		b) d)	It is a plant of hilly areas. It is a plant that grows in marshy are	as.			
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		table given below. What could P and	Q re	epresent?				
	a) P: Floating, Q: Fixedc) P: Partially submerged, Q: Floating	ating Waterily		P: Floating, Q: Fully submerged P: Partially submerged, Q: Fully sub	merged			
Q.10	Which of these plants has pot like a) Venus fly trap	structures to trap insects? b) Sundew	c)	Pitcher	d) Dusk weed			
Q.11	What is present in green leaves th a) Melanin	at helps in photosynthesis? b) Glucose	c)	Chlorophyll	d) lodine			
Q.12	Which of these is not a milk product a) Butter	ct? 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 con a) No	tinue while we sleep? b) Yes	c)	in some people	d) no reason			

Q.15	In a row of boys, one boy is 19th from a) 38	om either end. What is the total numble) 37		of boys in the row? 26	d) 39		
Q.16	78% of the air in the atmosphere coa) Oxygen	emprises of? b) Carbon dioxide	c)	Ozone	d) Nitrogen		
Q.17	Which of these trees is known for its a) Mango	s medicinal use? b) Jasmine	c)	Orange	d) Tulsi		
Q.18	When a coin is dropped in a glass of a) Break the glass	of water, it will b) Float mid-way	c)	Sink	d) Float		
Q.19	Some key chains are used as: a) Pulley	b) Wedge	c)	Screw	d) bottle opener		
Q.20	Which of this is not a purification pro a) Boiling	ocess? b) Precipitation	c)	Sedimentation and decantation	d) Chlorination		
Q.21	Asma lit a perfume stick in the corn- conclude from this? a) Rooms produce perfume when b) All the air present in a room give c) Perfumes do not spread from or d) All gases, including perfumes, h	a perfume stick is lit in a corner. es perfume, ne place to another.		er corner, she smelled the perfume af	ter some time. What can we		
Q.22	Where does most of the water need a) From air through the tiny pores c) As a result of respiration within	in the leaf.		From the soil through the roots of the From water vapour in the air.	e plant.		
Q.23	Hydrilla and tape grass plants are _ a) floating plants	b) fixed plants	c)	underwater plants	d) Both a and b		
Q.24	Which part of the plant is also referra) Leaf	red to as a sugar making factory? b) Stem	c)	Root	d) Branch		
Q.25	Camouflage is a kind of adaptation in which an organism deceives others by merging its colour with that of its surroundings. Which of the following colours will best suit a chameleon to hide from its enemies in a forest when it sits on branch of a tree? a) Red b) Blue c) Green d) Brown						
Q.26	In carrots, food is stored ina) Leaves	b) Stem	c)	Roots	d) Flowers		
Q.27	Harish wants to test the presence of necessary? a) Boil the leaf first in water and the c) Heat the leaf on a hot flame		b)	structions to conduct the experiment. Wash the bleached leaf Add a few drops of iodine solution to			
Q.28	Veins a) absorb water and minerals from c) transport water, food and minerals		b) d)	absorb carbon dioxide from the atmorelease oxygen and carbon dioxide i	osphere nto the atmosphere		
Q.29	Which of the following have leaves a) Underwater plants	without pores? b) Fixed plants	c)	Floating plants	d) Evergreen plants		
Q.30	Match the following animals with the						
O 24		b) P-i, Q-ii, R-iii	c)	P-ii, Q-I, R-iii	d) P-ii, Q-iii, R-i		
Ų.3 I	Which of these have tightly packed a) Water vapour	b) Water	c)	Ice	d) None of the above		

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: d) 72 c) 71 Q.34 Which option has chlorophyll for photosynthesis? a) 1 b) 2 3 Q.35 Which was the first synthetic fiber? b) Polyester a) Nylon d) Rayon Lycra Q.36 The helps to mix food with saliva. a) Tongue Saliva d) None Q.37 Which of these are not found on the hills? d) Pine tree a) Banyan tree b) Spruce tree Fir tree Where do we wear casual clothes? a) School b) Office Home d) Army Q.39 Which of these is insoluble? d) Both (a) and (b) a) Salt b) Sugar Sand 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? (C) Upthrust (D) All of these (B) Gravitation (A) Friction 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. (B) Earth is a small planet (A) Distance of the star from us (C) Amount of light that the star emits (D) Both (A) and (C) Q.43 Which of these changes are not permanent? (B) Burning of paper (C) Growth of seedling into a plant (D) Change of water into ice (A) Rusting of iron 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: (B) Hydrosphere (C) Stratosphere (D) Exosphere (A) Troposphere