

Duration : 60 min.
Class : 3rd

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 answers 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-3 (SCIENCE)

- Q.1 Vinod took two potted plants A and B. He watered plant A with normal water and plant B with salt water for about a week. He observed the plants after a week. Which of the following observation is likely to be correct?
- a) Plant A is in good condition and plant B has become thin and dry. b) Plant B is in good condition and plant A has become thin and dry.
 c) Both the plants A and B are in good and healthy condition. d) Both the plants A and B are has become dry and thin.

- Q.2 Match the types of soil in column-I with their properties in column-II.

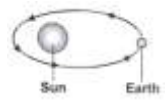
Column-I	Column-II
1. Loam	A. Hardest layer of the soil
2. Topsoil	B. The layer below the soil
3. Subsoil	C. Best for the growth of the plants
4. Bedrock	D. Roots of plants lie in the layer

- a) 1-C, 2-D, 3-A, 4-B b) 1-C, 2-D, 3-B, 4-A c) 1-B, 2-D, 3-C, 4-A d) 1-B, 2-D, 3-A, 4-C
- Q.3 When should you take utmost care?
 a) When you use a sharpener instead of a blade. b) When you wear rubber sandals.
 c) When you light match sticks/crackers. d) When you play with soft toys.
- Q.4 The students at Springdales Public School are having a reading competition. The third-grade students read 1, 302 books. The fourth-grade students read 987 books. The fifth-grade students read 1, 203 books. How many books did the third, fourth and fifth-grade students read?
 a) 3, 492 books b) 3, 482 books c) 2, 492 books d) 2, 482 books
- Q.5 Which of the following are natural sources of light?
 Sun, Stars, Burning wood, Candle, Tube light, Glow-worms, Fireflies
 a) Sun, Stars, Glow-worms, Fireflies b) Sun, Candle, Glow-worms, Fireflies
 c) Candle, Tube light, Fireflies, Burning wood d) Glow-worms, Tube light, Fireflies, Burning wood
- Q.6 Where is the largest bone in our body present?
 a) Hand b) Thigh c) Feet d) Lip
- Q.7 Who is the first astronaut to go to moon?
 a) Kalpana Chawla b) Richard david c) Newton d) Neil Armstrong
- Q.8 Prachi wants to send her birthday invitation to her friend living in Mumbai. Her father wrote the full address with PIN code. Prachi asked her father what does PIN code stands for?
 a) Personal index number b) Personal identification number c) postal index number d) Provisional index number
- Q.9 Which of the following forms of water can we feel, see and crush?
 a) Solid b) Vapour c) Liquid d) All of these
- Q.10 On a hot summer day, Radha kept the same amount of water in 4 containers in the kitchen. After a few hours, water in which container will be coldest?
 a) A plastic bottle b) A steel vessel c) A mud pot d) A glass bottle
- Q.11 Every human being and various animals have a set of teeth that help us bite, chew and grind food. The outermost layer of teeth is called _____.
 a) Canines b) Crown c) Hill d) Enamel
- Q.12 The figure given shows a group of stars. Which of the following terms is used to describe the group of stars?



- a) Purnima b) Constellation c) Galaxy d) Orbit

- Q.13 The figure given shows the movement of the earth around the sun. Which of the following affects the motion of the earth around the sun the most?



- a) Timing of tides b) Length of a month c) Cycle of seasons d) Phases of the moon

- Q.14 The process in which animals enter a state to conserve energy is called _____.
 a) Hibernation b) Sleeping c) Resting d) Conserving energy

Q.15 Match the following living things in Column-I with their breathing organs in Column-II.

Column-I		Column-II	
p. Fish	i. Stomata		
q. Humans	ii. Gills		
r. Trees	iii. Lungs		

- a) p-i, q-ii, r-iii b) p-ii, q-I, r-iii c) p-ii, q-iii, r-I d) p-iii, q-ii, r-i

Q.16 Five children made the following statements about birds.

Aman: All birds can fly. Ruchita: All birds have a beak.
 Dhaval: All birds have a backbone. Enna: All birds have an outer covering of feathers.
 Shekha: Most birds lay eggs, while some give birth to their young.
 Whose statements about birds are true?

- a) Ruchita, Dhaval, Enna and Aman b) Aman, Ruchita, Enna and Shekha
 c) Aman, Ruchita and Dhaval d) Ruchita, Dhaval and Enna

Q.17 At an age of 7-8 years, which of these works you could do in your family to help your family members?

- a) You can cook for them. b) You can earn money and bring things from the market.
 c) You can set table for meals. d) You can paint the doors.

Q.18 Which of the following is a sense organ of our body?

- a) Skin b) Hand c) Teeth d) Liver

Q.19 Fill in the blank and choose the correct option.

A carrot plant differs from a marigold plant because it _____.



- a) has fibrous roots b) has tap roots
 c) does not store food in its roots d) can only absorb water but not minerals

Q.20 If the first and second letters in the word ENTHUSIASM are interchanged, also the third and fourth letters, the fifth and the sixth letter and so on, which of the following would be the sixth letter from the right?

- a) U b) A c) S d) T

Q.21 What should we do to minimise the overuse of plastics?

- We should use paper bags.
- We should give away old plastic toys to others who can use them.
- We should throw away the plastic containers.

- a) Only 1 b) Only 2 c) 1 and 3 d) 1 and 2

Q.22 Read the given passage.

Food contains substances which provide energy for survival and growth of our body. These substances are called nutrients. Nutrients are grouped into carbohydrates, fats, proteins, 'L' and 'M'. Roughage and 'N' also form a part of our food. 'L', 'M' and 'N' are found in rich-amount in which of these? (Set-A NSO, 2013)

- a) Cereal and oats b) Fruits and vegetables c) Milk and butter d) Eggs and meat

Q.23 Which of the following statements is true?

- a) The moon does not revolve. b) The moon revolves around itself. c) The moon revolves around the earth. d) The moon revolves around the star.

Q.24 Complete the following sentence.

Worms and small organisms grow mostly in _____.

- a) Sub soil b) Top soil c) Bed rock d) All of these

Q.25 Complete the following pattern.



- a) ○ ○ ○ b) ○ ○
○ ○ ○ ○
○
c) ○ ○ ○ ○
○ ○ ○ ○
d) ○ ○ ○
○ ○ ○

Q.26 What can be the reason that a taxi driver has to be more careful when driving on a rainy day than driving on a hot summer day?


- (A) Gravitational force between taxi and road is higher on a hot summer day. (B) Frictional force between taxi and road is lower on a rainy day.
 (C) Gravitational force between taxi and road is lower on a rainy day. (D) Frictional force between taxi and road is lower on a hot summer day

Q.27 Water droplets that are too heavy to float make

- (A) Fog (B) Clouds (C) Rain (D) Smoke.

Q.28 Ducks have

- (A) Short and broad beaks (B) Broad and flat beaks (C) Slender beaks (D) Pointed beaks

- Q.29. Renu's grandmother got seriously ill in afternoon and needs to be taken to hospital immediately. In such a situation, which of the following modes should she most preferably use in order to communicate to her father who was in his office?
 (A) E-mail (B) Letter (C) Radio broadcast (D) Phone call
- Q.30 The bird that lays its eggs in the nest of a crow is
 (A) Cuckoo (B) Parrot (C) Woodpecker (D) Pigeon.
- Q.31 Which of the following will not dissolve in water?
 (A) Salt (B) Sugar (C) Sand (D) Baking soda
- Q.32 Soil helps trees because soil
 (A) Makes food for the trees (B) Moves the tree seeds to new places (C) Gives nutrients to the trees (D) Turns the roots into new trees.
- Q.33 Which of the following pollutes the environment?
 (A) Burning fossil fuel (B) Throwing garbage here and there (C) Throwing used plastic bags on the street (D) All of these
- Q.34 In mountain regions, terrace farming is done to control which one of the following natural phenomena?
 (A) Deposition (B) Soil erosion (C) Photosynthesis (D) All of these
- Q.35 A student takes a balloon and fills it with air. What will he notice?
 (A) He will notice that the mass of the balloon remains same.
 (B) He will notice that the mass of the balloon is increased.
 (C) He will notice that the mass of the balloon is decreased.
 (D) He will notice that the mass of the balloon is decreased by $\frac{1}{2}$ of the initial mass of the balloon.
- Q.36 The following are the properties of a liquid.
 1. It is tasteless. 2. It exists in all three forms on earth.
 3. It boils at 100°C . 4. It freezes at 0°C . 5. It is colourless, odourless.
 Which one of the following liquids has the given properties?
 (A) Acid (B) Lemon juice (C) Water (D) All of these
- Q.37 Producers are called autotrophs and consumers are called heterotrophs. Categorized the following as autotrophs and heterotrophs: Mango tree, Lion, Cactus, Pine, Man
 (A) Autotrophs : Mango tree, Cactus, Man, Heterotrophs : Lion, Pine (B) Autotrophs : Mango tree, Cactus, Pine, Heterotrophs : Lion, Man
 (C) Autotrophs : Lion, Cactus, Man, Heterotrophs : Mango tree, Pine (D) Autotrophs : Mango tree, Pine, Man, Heterotrophs : Lion, Cactus
- Q.38 Plants not only give us oxygen but also absorb poisonous _____.
 (A) Water (B) Carbon dioxide (C) Oil (D) All of these
- Q.39 Consider the following statements:
 Micky: Some plants grow in warmer climate of the plains and shed most of their leaves in autumn. Donald: Tea and coffee are evergreen plants.
 Goofy: Babul and kikar grow near sea coast and have breathing roots.
 Who is correct?
 (A) Only Micky (B) Both Micky and Donald (C) Micky, Donald and Goofy (D) Both Donald and Goofy
- Q.40 The animals given below are similar. As they all are _____.
 Rabbits, Rats and squirrels
 a) flesh-eating animals b) both plants and flesh eating animals
 c) the animals that gnaw their food d) All of these
- Q.41 Which of the following system is found attached to the bone and helps us in moving about and in doing different kinds of work?
 a) Muscular system b) Nervous system c) Respiratory system d) Circulatory system
- Q.42 Water and wind can break rocks into small pieces. What happens to these small pieces when they break away?
 a) Plants use them for energy b) They become part of the soil c) They become food for animals d) They turn into earthworm
- Q.43 Look at the diagram below carefully. Which part of the plant and its function is labelled wrongly?

 a) P b) Q c) R d) S
- Q.44 Look at the given classification table. Which of the following can 'X' be?

Body Systems	
Lungs: Nose	Heart: X

 a) Small Intestine b) Backbone c) Brain d) Blood vessels
- Q.45 Wire netting doors are used _____.
 a) to allow fresh air b) to allow sunlight c) to keep mosquitoes and flies away d) all of these