

Duration : 60 min.  
Class : 5th

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 :

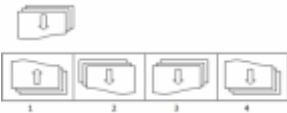




Home/Mother's Contact No. :

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-5 (SCIENCE)

- Q.1 The strong storms in the Atlantic and NorthEastern Pacific oceans are called P whereas in North Western Pacific Ocean they are called Q. In the Indian Ocean and South Pacific Ocean they are called R. Identify P, Q and R in the given paragraph.
- a) P-Hurricanes, Q-Typhoons, R-Cyclones  
b) P-Typhoons, Q-Hurricanes, R-Cyclones  
c) P-Cyclones, Q-Typhoons, R-Hurricanes  
d) P-Hurricanes, Q-Cyclones, R-Typhoons
- Q.2 The force of friction always acts on moving object and its direction is \_\_\_\_\_.
- a) As per mass of object  
b) Opposite to direction of motion  
c) Colour of the object  
d) Shape of the object
- Q.3 Arrange the words in logical order: 1. Leaf 2. Fruit 3. Stem 4. Root 5. Flower
- a) 4, 3, 1, 5, 2  
b) 3, 4, 5, 1, 2  
c) 4, 1, 3, 5, 2  
d) 4, 3, 1, 2, 5
- Q.4 The two forces act in the opposite directions on an object, the resultant force acting on it is the \_\_\_\_\_.
- a) Sum of the two forces  
b) Product of the two forces  
c) Sum of their reciprocal  
d) Difference between two forces
- Q.5 Which part of rose is used to grow?
- a) Root cutting  
b) Seed  
c) Leaf cutting  
d) Stem cutting
- Q.6 Find out the mirror image.
- 
- a) 1  
b) 2  
c) 3  
d) 4
- Q.7 Which of the following is a necessary condition for a lunar eclipse to occur?
- a) The moon must be full.  
b) The moon must be waxing.  
c) It must be the beginning of the month.  
d) It must be winter in the Northern Hemisphere.
- Q.8 Coal and petroleum are called \_\_\_\_\_.
- a) Non-polluting fuel  
b) Renewable fuel  
c) Instant fuels  
d) Fossil fuels
- Q.9 Abhi accidentally touched a hot metal and spontaneously withdraw his hand from the metal. Why did he react spontaneously?
- a) Due to reflex action  
b) Due to the attraction of the metal  
c) Due to repulsion of the metal  
d) Due to the brightness and heaviness of the metal
- Q.10 The moon has no light of its own, yet it shines at night because \_\_\_\_\_.
- a) It reflects the light from the earth.  
b) It absorbs the light from the sun.  
c) It reflects the light from the sun.  
d) It reflects light only on a full moon day.
- Q.11 In a row of boys, one boy is 19th from either end. What is the total number of boys in the row?
- a) 38  
b) 37  
c) 26  
d) 39
- Q.12 Teacher asks Jincy to select easily digestible food. Which food should Jincy select from the given options?
- a) Staple food  
b) Raw food  
c) Cooked food  
d) disease free food
- Q.13 Two inclined planes together form a
- a) pulley  
b) gear  
c) wedge  
d) screw
- Q.14 What is a lever?
- a) A bar which can turn about a fixed point  
b) An inclined plane  
c) A wheel with grooves  
d) An axle and wheel
- Q.15 Pranav observed the phases of the moon. He saw a full moon in the sky on 18th January 2009. After 15 days, he realised it was the new moon. What would the shape of the moon be on 18th February 2009?
- a)   
b)   
c)   
d) 
- Q.16 Which of the examples shows that air exerts pressure?
- a) We can see the apple falling from a tree.  
b) We can see the flow of the wind from the tree leaves.  
c) We can see the rain falling.  
d) We can swim in the ocean.

Q.17 The figure given below shows a bottle with hot water when placed in ice water taken in a glass trough undergoes change in its shape. Why does the bottle change its shape?



- a) The pressure exerted by the air inside the bottle is more.      b) The pressure exerted by ice is more.  
 c) The pressure exerted by air outside is much more.      d) The pressure exerted by water is more.

Q.18 The seeds of \_\_\_\_\_ fruit are dry and dispersed by explosion when we touch them.

- a) drumstick      b) sycamore      c) cotton      d) poppy

Q.19 A seed is an embryonic plant enclosed in a protective outer covering. Seeds of some plants have two seed leaves. What are they called?

- a) Monocot seeds      b) Dicot seeds      c) Damaged Seed      d) Cotyledons

Q.20 The given diagram shows, the upper arm with its muscles. Which of the following shows the correct labelling of P, Q and R?

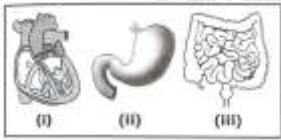


- a) P - Bone, Q - Muscle, R - Joint    b) P - Joint, Q - Muscle, R - Bone    c) P - Joint, Q - Bone, R - Muscle    d) P - Bone, Q - Joint, R - Muscle

Q.21 Rita was doing her homework at home, suddenly her house catches fire. What is the first thing she should do?

- a) Turn on the battery-operated radio to get the latest emergency information.  
 b) Escape as soon as possible by running and ignoring smoke and flames around her.  
 c) Try to get outside the house as soon as she got all the valuables along with her.  
 d) Get out of the house as quickly and safely as possible.

Q.22 Which of the following organs require muscles to help it function properly?



- a) Only (ii) and (iii)      b) Only (i) and (ii)      c) Only (i) and (iii)      d) (i), (ii) and (iii)

Q.23 Which of the following physical quantity do not require medium for propagation?

- a) Thunderstorm      b) Speed      c) Sound      d) Light

Q.24 Umaid Bhavan Palace is located in which city?



- a) Jodhpur      b) Pune      c) Ranchi      d) Guwahati

25. Which of the following do not need medium to travel?

- a) Water      b) Sound      c) Light      d) Electricity

Q.26 One large box of cookies contains the same number of cookies as 6 small boxes. Each small box contains an equal number of cookies. A large box of cookies contains 84 cookies. What is the total number of cookies that a small box contains?

- a) 9      b) 11      c) 14      d) 20

Q.27 P feeds on Q, R and S. Q and S only feed on R. R is one of the earth's natural resources. Which is most probably true of the following?

- a) P is an omnivore      b) R is a herbivore      c) S is an omnivore      d) Q is a carnivore

Q.28 A lunar eclipse occurs when the \_\_\_\_\_ comes in between the \_\_\_\_\_ and the \_\_\_\_\_.

Select the correct sequence of words to complete the given sentence.

- a) Sun, Moon, Earth      b) Moon, Sun, Earth      c) Earth, Sun, Moon      d) Moon, Earth, Mars

Q.29 In which of the following process oxygen is used up?

- a) Respiration      b) Photosynthesis      c) Burning      d) Both a and c

Q.30 Which of the following sentences can be linked with the words given below?

Water, Wind, Explosive mechanism, Animals

- a) They help animal reproduce.      b) They form spores.  
 c) They encourage parent plants to look after their offsprings.      d) They disperse seeds to avoid competition.

Q.31 Jaya took a glass of water and added a spoonful of sugar and then squeezed the juice of a lemon into it. She stirred it well and then poured this mixture through a strainer. What will remain in the strainer?



- a) Only water                      b) Only lemon juice                      c) Only lemon seeds                      d) Lemon seeds and sugar

Q.32 There are many organic and inorganic substance present in water, that's the reason one needs to purify water before drinking. Which of the following inorganic substances is naturally occurring in rocks, soluble in groundwater, and toxic at low concentrations?

- a) Arsenic                      b) Mercury                      c) Lead                      d) Copper

Q.33 Which of the following diseases spreads through contaminated food and water?

- a) Malaria                      b) Cholera                      c) Dengue                      d) Filaria

Q.34 If an accident occurs, you should

- a) panic                      b) arrange for first-aid and a doctor  
c) call a crowd and surround the injured person                      d) All of these

Q.35 Given below are the symptoms of a disease. Identify the disease.

- (i) Fever and itchy rash.**  
**(ii) Pimples, blisters and scabs.**  
**(iii) Scabs drop after about two weeks.**

- a) Tuberculosis                      b) Typhoid                      c) Chickenpox                      d) Cholera

Q.36 Moringa (drum stick) seeds are dispersed by wind as they possess

- a) Wings                      b) Pappus                      c) Hairy tuft                      d) All of the above

Q.37 Which of the following statements is true about the moon?

- a) The moon is a planet.                      b) The moon moves around the sun.  
c) The moon is nearer to the earth than to the sun.                      d) The moon gives off its own light.

Q.38 Water is an important source of renewable resource. Most of the earth is covered by water but all the water present on earth is not fit for using purposes. Among the given option which of the following does not involve use of water?

- a) Washing clothes                      b) Bathing                      c) Cleaning utensils                      d) Drying wet clothes

Q.39 Which of the following is a non-renewable natural resource?

- a) Water                      b) Air                      c) Coal                      d) Forest

Q.40 If April is called July, July is called February, February is called August then which of the month has 28/29 days?

- a) July                      b) April                      c) February                      d) August

Q.41 I protect the heart and the lungs. I have curved bones which are fused firmly together. What am I?

- a) Skull                      b) Ribcage                      c) Spine                      d) Sternum

Q.42 When we heat a substance in solid form, it becomes liquid and then into gas. This shows that by heating, the space occupied by the substance generally:

- a) Increases                      b) Decreases                      c) Remains same                      d) Changes minutely

Q.43 The force of friction always acts on moving object and its direction is \_\_\_\_\_.

- a) As per mass of object                      b) Opposite to direction of motion                      c) Colour of the object                      d) Shape of the object

Q.44 In saprophytic nutrition, organism obtains food from \_\_\_\_\_.

- a) Living animals                      b) Living plants                      c) Dead and decaying organisms                      d) All of these

Q.45 Which one of the following systems is responsible for transporting nutrients in whole part of our body?

- (A) Nervous system                      (B) Circulatory system                      (C) Muscular system                      (D) All of these