

DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE ASKED TO DO SO



GRADE - 2

SCIENCE

SAMPLE PAPER

IOA SCIENCE OLYMPIAD – 2019 - 20

Test Booklet Series

Set - 0

DO NOT OPEN THIS BOOKLET UNTIL ASKED TO DO SO

Roll No.:

<input type="text"/>														
----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------

Student's Name:

Maximum Time: 75 Minutes

Maximum Marks: 90

INSTRUCTIONS

- Please **DO NOT OPEN** the contest booklet until the proctor has given permission to start.
- There are 36 questions in this paper. 2 points, 3 points will be awarded for each correct question in Foundation, and Exploration respectively. 1 point will be deducted for each incorrect answer, and no penalty for skipping a question.
- All questions are compulsory. There is only ONE correct answer to each question.
- No electronic devices capable of storing and displaying visual information are allowed during the exam.
- Use of **calculator** is strictly prohibited in the exam.
- Fill your **Name, Roll No., Grade and School Name** in the answer sheet.
- To mark your choice of answers by darkening the circles in the Answer Sheet, use an HB Pencil or a **Blue/Black Ball Point Pen** only.
- Shade your answer clearly as per the example is shown below:

CORRECT	INCORRECT
<input type="radio"/> A <input checked="" type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input checked="" type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input checked="" type="radio"/> D

Foundation: (2 POINTS)

1. Identify the things that grow throughout their life.



(A)



(B)



(C)

(D) All of the above

2. Identify the name of things that belong to group A and group B.

A	B
Grow	Cannot grow
Eat	Cannot eat
Move on its own	Cannot move on its

- (A) A- pigeons, people and plants
 B- Plates, paper and pencil
- (B) A- pigeon, plants and papers
 B- Plates, chalk and a bird's feather
- (C) Both a and B
- (D) None of these

3. We get gum from _____ tree.

- (A) Bamboo (B) Papaya (C) Acacia (D) Peepal

4. Which of these statement is incorrect?

- (A) Creeper plants can be grown both indoor and outdoor
 (B) Climber plants grow only with the help of support
 (C) Rose plant is a herd
 (D) All of the above

5. Which of the following is not used as spices?

- (A) Cinnamon (B) Turmeric (C) Cheese (D) Mustard

6. Arrange the internal body organs in the sequence from head to toe.
Heart, stomach, lungs, brain
(A) Heart, stomach, lungs, brain (B) Brain, heart, lungs, stomach
(C) Heart, lungs, brain, stomach (D) Brain, stomach, lungs, heart
7. Which of the following is correct regarding body posture?
(A) We should not lie down while reading
(B) We should always sit with the back straight
(C) We must sit straight while working on computers
(D) All of the above
8. The food we eat goes into _____.
(A) Heart (B) Kidney (C) Brain (D) Stomach
9. Why do people put wire mesh on their doors and windows?
(A) It keeps house warm (B) It keeps house safe from mosquitoes and flies
(C) it allows sunlight and air to enter the house (D) Both b and c
10. What will you call a cloth made from hand spun and yarn?
(A) Cotton clothes (B) Khadi clothes
(C) Woolen clothes (D) Silk clothes
11. All member of a family share common name that is _____.
(A) Surname (B) Pet name
(C) First name (D) Nick name
- 
12. Molly is engaged to Raj. Molly is _____ of Raj.
(A) Spouse (B) Wife (C) Fiancé (D) Cousin
13. "X" lives only with his mother. His family is called as _____.
(A) Nuclear family (B) Joint family (C) Single-parent family (D) All of the above
14. The effigies of two persons are burnt every year along with Ravana on Dussehra. Who are those two persons and their relations with Ravana?
(A) Vibhishan and kumbhkaran- siblings
(B) Kumbhkaran- brother, Meghnath- son
(C) Meghnath- nrother, kumbhkaran- son
(D) Kumbhkaran and Meghnath- both brothers
15. Which of the following needs air?
(A) Burning of candle (B) Burning of a street light
(C) Flying of balloon (D) Both a and C

16. We can get ground water from _____.
- (A) Hand pump, wells and tube wells (B) Wells, ocean and sea
(C) River, lake and ponds (D) All of the above

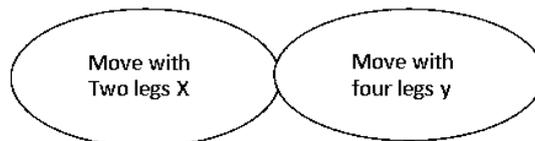
17. Which of the following statement is true for the place shown in the given figure?
- (A) It helps us to send message from one place to another
(B) It has an ambulance to carry money
(C) We can withdraw and transfer money from this
(D) We can buy medicines from this



18. Riya is very sad. Someone has stolen her mobile phone. Tina takes her to police station to complaint about this to police man. Why do you think Tina did so?
- (A) Because police man will help Riya in getting her lost phone
(B) To launch a complaint for the lost mobile phone
(C) Policeman will gift a new mobile phone to Riya
(D) Both a and b

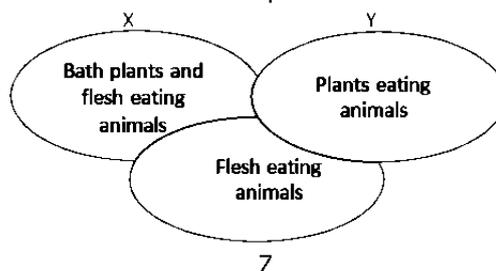
Exploration (3 POINT)

19. Identify the correct match.



- (A) X: human beings and y: a plant (B) X: a plant and Y: birds
(C) X: birds and Y: a cow (D) X: birds and Y: a plastic doll
20. "I am made from plastic and cannot grow, move or feel. When you are hungry at your school I treat you with tasty food". Guess who am I?
- (A) Water bottle (B) Mouth (C) Lunch box (D) Leaf

21. Study the given figure and select the correct option for it from below given choice.



- (A) X- bear, Y- deer, Z- lion (B) X- bear, Y- camel, Z- cow
(C) X- elephant, Y- snake, Z- cow (D) X- tortoise, Y- frog, Z- ox

22. Give reason why raw fish is always kept in ice
 (A) Fish frozen in ice can stay unspoiled for longer time
 (B) Fish kept in ice are healthy for our body
 (C) Fish frozen in ice are easy to digest
 (D) Frozen fish are easy to cook



23. Match the following.

Column I	Column II
A. Cold coffee	i. Spice
B. Maize	ii. Beverage
C. Cinnamon	iii. Cereals
D. Raisins	iv. Nuts

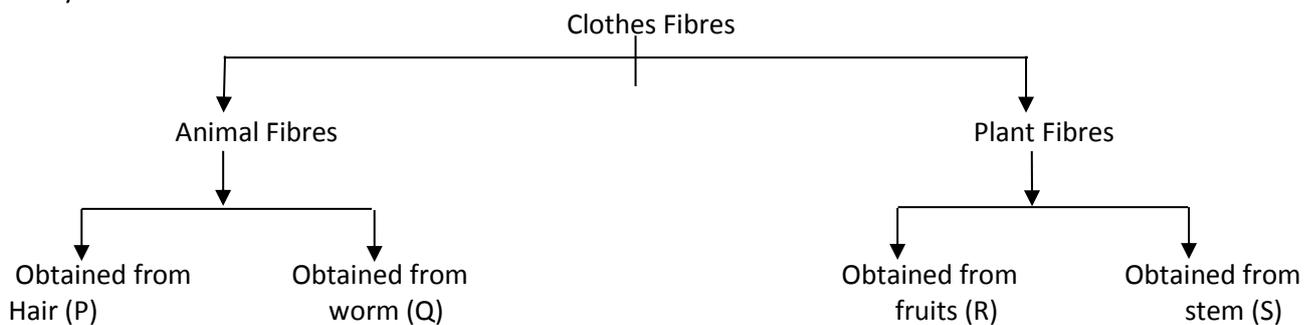
- (A) A- ii, B- iii, C- i, D- iv
 (B) A- ii, B- iii, C- iv, D- i
 (C) A- iv, B- iii, C- i, D- ii
 (D) A- iii, B- ii, C- iv, D- i

24. Match the given eatables with their supposed tastes.

Column I	Column II
A. 	i. Sweet
B. 	ii. Salty
C. 	iii Sour
D. 	iv Bitter

- (A) A- i, B- ii, C- iii, D- iv
 (B) A- ii, B- i, C- iii, D- iv
 (C) A- iii, B- ii, C- i, D- iv
 (D) A- iv, B- iii, C- i, D- ii

25. Study the classification chart and fill in the blanks.



- (A) P- Wool, Q- Silk, R- Cotton, S- Jute
 (B) P- Silk, Q- Wool, R- Cotton, S- Jute
 (C) P- Wool, Q- Silk, R- Jute, S- Cotton
 (D) P- Silk, Q- Wool, R- Nylon, S- Cotton

26. A- is a wooden cupboard

B- is an iron cupboard

Who, has build the above cupboard?

(A) A- Carpenter

(B) A- Plumber

(C) A- Carpenter

(D) A- Blacksmith

B- Blacksmith

B- Cobbler

B- Mechanic

B- Carpenter

27. Which among these children may get hurt?

(A) A boy playing with knife

(C) A girl swimming without rubber tube

(B) A girl playing on broken swing

(D) All of them

28. The best way of taking rest is sleeping. How many hours should we sleep every day?

(A) 4-5 hours

(B) 8-9 hours

(C) 12 hours

(D) 2-3 hours

29. Which of the following you will use to wash your hand properly?

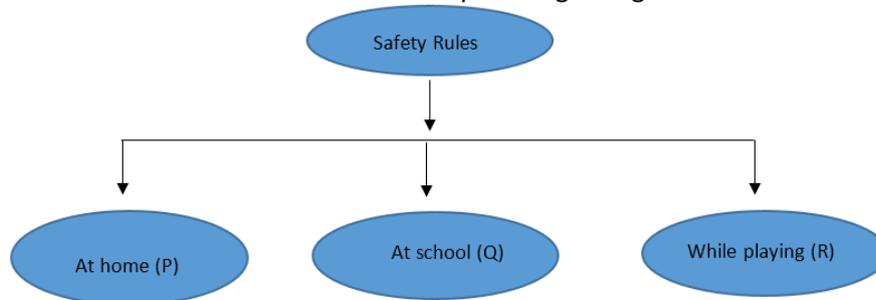
(A) Hand wash and water

(C) Hand wash, water and hand sanitizer

(B) Water

(D) Hand sanitizer

30. Study the below shown chart and select the correct option regarding it.



(A) P- Do not play with fire

(B) Q- stand in queue and do not hit or hurt your friends

(C) R- Do not play on roads

(D) All of the above

31. Which of the following group represents water transport?

(A) Car, bicycle and bus

(C) Train, truck and tongas

(B) Aeroplane, helicopter and jet plane

(D) Boats, ships and steamers

32. In which of the following means of communication there is digital transmission of the message?

(A) Letter

(B) Fax

(C) E-mail

(D) Both b and c

33. What is the full form of PIN code?

(A) Permanent index number

(C) Postal index number

(B) Permanent index newspaper

(D) Postal index newspaper

34. What do we call a piece of land surrounded by water on three sides?
(A) Peninsula (B) Island (C) Plateau (D) Continent
35. Where would you feel the maximum hotness?
(A) Inside the classroom on a cloudless and sunny day
(B) In the school garden on a cloudless and sunny day
(C) In the classroom on a windy day
(D) In the school garden on a windy day
36. When we land on the moon, we can see the earth?
(A) Yes, because the moon gives its light
(B) No, because the moon reflects sunlight
(C) Yes, because the earth reflects sunlight
(D) No, because the earth gives its own light