



Primrose Schools

Affiliated to the CISCE Board for ICSE & ISC
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An ISO 9001:2015 Certified Institution

NATIONAL PRIMTALENT OLYMPIAD EXAMINATIONS SCIENCE

**CLASS
5**

Name :

Section :

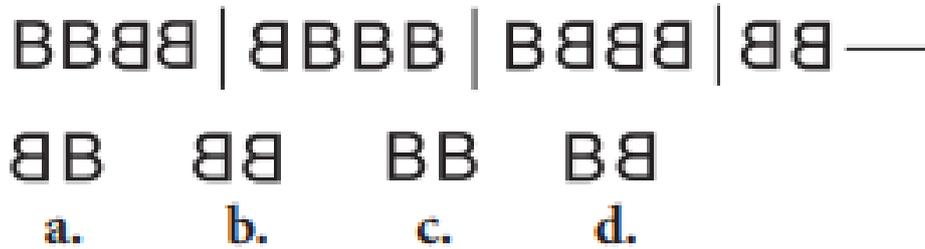
Roll no :

Guidelines for the Candidates

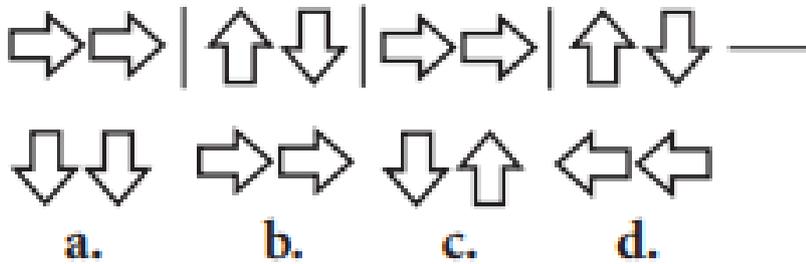
1	Please check your Name, Class and Section on the OMR sheet provided to you.
2	In case, OMR sheet with your name is missing, please fill in information about yourself in the blank sheet provided before start of exam.
3	All questions are compulsory. There is no negative marking. Use of calculator is not permitted.
4	There is only ONE correct answer. Choose only ONE option for an answer.
5	To mark your choice of answers by darkening the circles in OMR sheet, use <u>HB Pencil or Blue/Black ball point pen</u> only.
6	Rough work should be done in the blank space provided in the booklet.
7	Return the OMR sheet to the invigilator at the end of the exam
8	Please fill in your personal details in space on the top of this page before attempting the paper

SECTION A - LOGICAL REASONING

1. Analyse the patterns :



2.



3. Which word does NOT belong with the others?

- a. cornea b. retina c. pupil d. vision

4. Complete the same relationship with the third word:

Exercise is to gym as eating is to-----

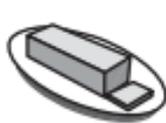
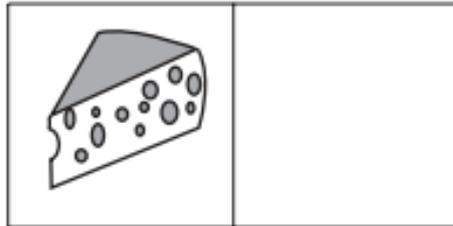
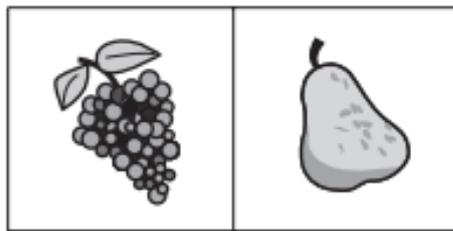
- a. food. b. dieting. c. fitness. d. restaurant.

5. Fill in the second option :

ant fly bee
 hamster squirrel _____

- a. spider
- b. mouse
- c. rodent
- d. cat

6. Choose the picture that would go in the empty box so that the two bottom pictures are related in the same way as the top two are related.



a.



b.



c.



d.

7. Choose the pair that best represents a similar relationship to the one expressed in the original pair of words:

FINCH : BIRD:

- a. frog : toad
- b. elephant : reptile
- c. Dalmatian : dog
- d. ant : ladybug

8. Look at this series: 3, 4, 7, 8, 11, 12, What number should come next?

- a. 7
- b. 10
- c. 14
- d. 15

9. SCD TEF UGH _____ WKL

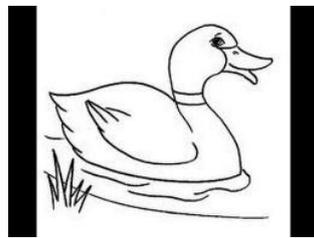
- a. CMN
- b. UJI
- c. VIJ
- d. IJT

10. Find the odd one out:

- a. Ginger
- b. Garlic
- c. Chilli
- d. Potato

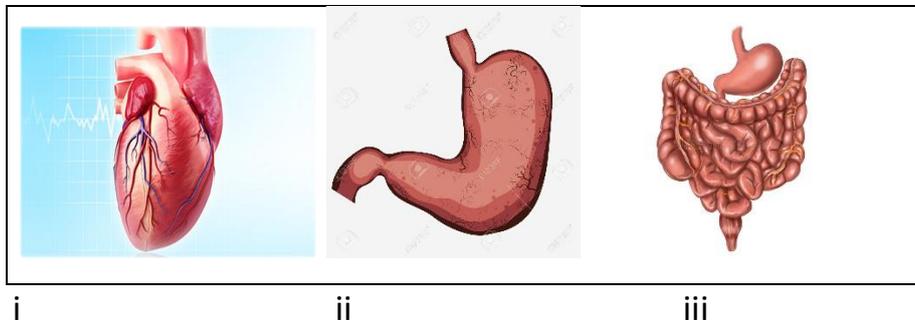
SECTION B – EVERYDAY SCIENCE

11. Which adaptation does the given the given organism show:



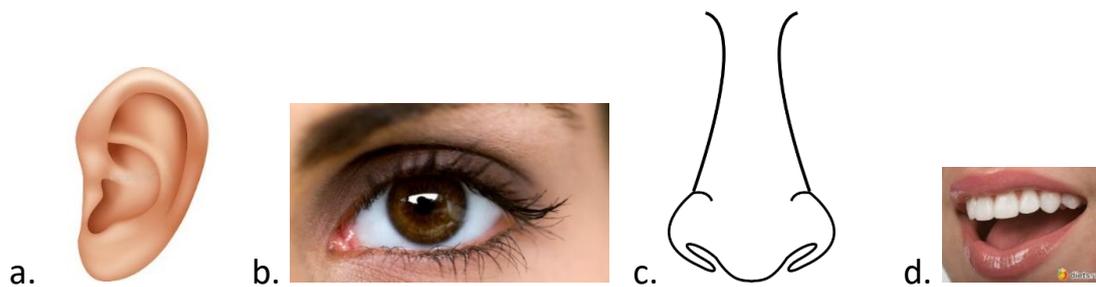
- a. Strong hind leg muscles
- b. Hollow bones
- c. Webbed feet
- d. Both (b) and (c)

12. 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),(iii)

13. which organ helps us to keep our body balance.



14. Arun has the following in his breakfast: His breakfast does not constitute a balanced diet because it lacks:

- a. carbohydrates and proteins.
- b. proteins and fats.
- c. vitamins and minerals.
- d. fibres and protein.

orange
juice
cheese
jam.

15. The diagram below shows a part of the skeletal system:



- a. brain b. kidney c. spinal cord d. lungs .

16. Match the following pairs and choose the correct answer.

Column-I		Column-II	
(i)	Spinach	(a)	Roughage
(ii)	Milk	(b)	iodine
(iii)	Salt	(c)	Iron
(iv)	Whole grain	(d)	Calcium

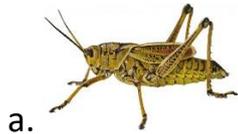
- a. (i)-d, (ii)-a, (iii)-c, (iv)-d
- b. (i)-d, (ii)-c, (iii)-a, (iv)-b
- c. (i)-c, (ii)-a, (iii)-d, (iv)-b
- d. (i)-c, (ii)-d, (iii)-b, (iv)-a

17.To which class of lever is the figure given below to



- a. class (i)-lever
- b. class (ii) –lever
- c. class (iii) lever
- d. inclined plane.

18.which of the following animals breathe through body holes?



19 Organisms that aid in the pollination process are called...

- a. pollinators
- b. deliverers
- c. transportors
- d. carriers.

20. In most species of plants, food is stored in -----

- a. radicle
- b. plumule
- c. cotyledon
- d. zygote

21. Which of the following is correctly matched?

Disease		Symptoms
a. Dysentery	-	Nails, eyes and skin become yellow.
b. Tuberculosis	-	Blood with sputum.
c. Diphtheria	-	Red rashes on the body.
d. Typhoid	-	Difficulty in breathing.

22. Which one of the following diseases is a communicable?

- a. rickets
- b. amoebiasis
- c. diabetes
- d. cancer

23. Which type of simple machine would be found on the bottom of a wagon.



- a. a pulley
- b. a screw
- c. a wedge
- d. a wheel and axle.

24. Which is an example of someone using a simple machine to do work?

- a. a boy runs across a football field
- b. a banker counts money
- c. a mother pushes a stroller up a ramp into a building
- d. a girl eats a sandwich

25. A force that occurs when an object rubs against another object.

- a. conduction b. thermometer c. radiation d. friction.

26. What is the function of incisors in the mouth of the human body?

- a. Cutting of food
b. Grinding of food
c. Tearing of food
d. All of these

27. which, hard, tough, and shiny substance covers the crown.

- a. wax.
b. diamond.
c. enamel.
d. crown.

28. what makes up the root of your teeth and attaches to your jaw bone.

- a. cementum.
b. cement
c. paste.
d. mucus.

29. Wall down the middle of the heart is called the

- a. Hexum b. Pentum c. Octum d. Septum

30. What is responsible for blood clotting -----

- a. Plasma b. Platelets c. Corpuscles d. Protein.

SECTION C – ACHIEVERS SECTION

31. Pollination by birds is called:

- a. autogamy
- b. ornithophily
- c. entomophily
- d. anemophily.

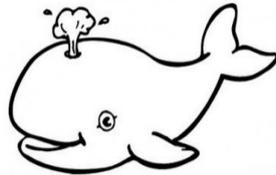
32. Which mammal lays eggs?



a.



b.



c.

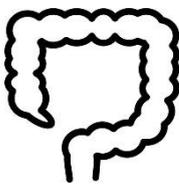


d.

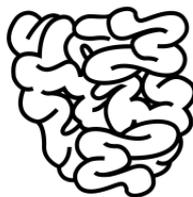
33. What is not a function of blood:

- a. Carries waste products away
- b. Controls temperature
- c. Controls balance of chemicals in body
- d. Produces acid

34. 6. Food passes through the stomach directly by _____.



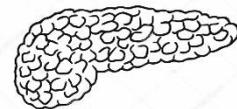
a.



b.



c.



d.

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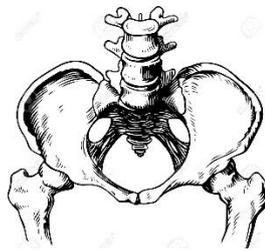
35. Eggs, milk, and meat are usually classified as good sources of

- a. carbohydrates b. protein c. fat d. Calcium

36. Fauna indicates for -----

- a. Plants
b. Animals
c. Birth plants and animals
d. None of these

37. The pelvis consists of number of bones are



- a. Three
b. Four
c. Five
d. Six

38. Force can make a stationary object to



- a. move
b. rotate
c. spin
d. still

39. Identify the non-renewable energy resource from the following:

- a. Coal
- b. Fuel cells
- c. Wind power
- d. Wave power

40. A person from parachute falls slowly to ground due to



- a. thrust
- b. air resistance
- c. friction
- d. air friction