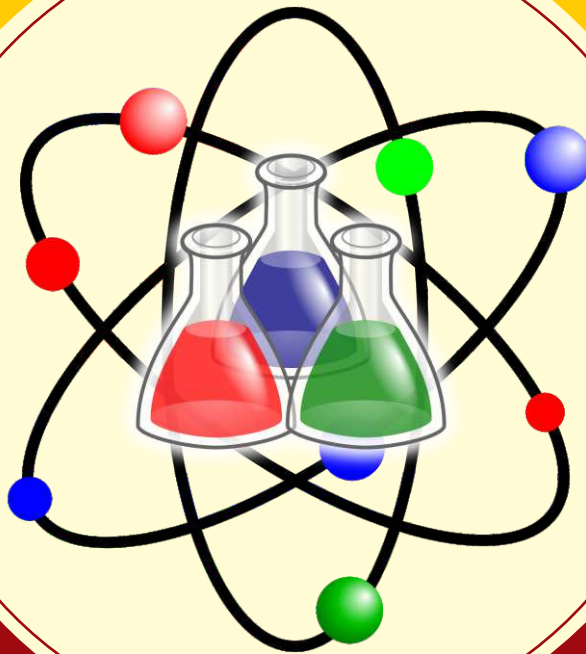




# ICATS **SCIENCE**

Contest 2017

**Toddlers Grade 1 & 2**



INTERNATIONAL  
**CATS CONTESTS**

COMPETENCE & APTITUDE TESTING SERVICES

# **ICATS SCIENCE CONTEST 2017**

## **TODDLERS (GRADE 1 & 2)**

**TIME ALLOWED : 75 MINUTES**

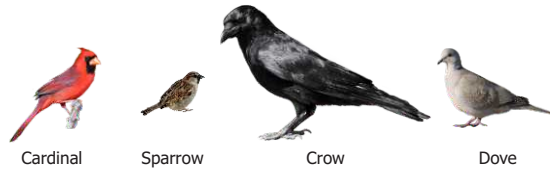
**MAXIMUM MARKS : 60**

**TOTAL QUESTIONS : 20 MCQS**

### **INSTRUCTIONS**

1. DON'T START ATTEMPTING THE PAPER UNTIL INSTRUCTED BY THE INVIGILATORS.
2. INSTRUCTIONS FROM THE EXAMINATION INVIGILATORS MUST BE CARRIED OUT PROMPTLY.
3. WRITE YOUR NAME, FATHER NAME, SCHOOL NAME, ADDRESS ETC AT THE BUBBLE SHEET (ANSWERSHEET) ONLY.
4. RECORD ALL ANSWERS ON THE BUBBLE SHEET ONLY. SELECT BEST ANSWER FROM THE FOUR GIVEN OPTIONS AND MARK ONLY ONE OPTION IN EACH QUESTION.
5. USE BLUE / BLACK INK TO FILL UP THE CIRCLES FOR YOUR ANSWERS ON THE BUBBLE SHEET. USE OF LEAD PENCIL IS NOT ALLOWED.
6. USE OF ANY HELPING MATERIAL INCLUDING CELL PHONES AND ELECTRONIC DEVICES IS STRICTLY PROHIBITED.
7. EVERY CORRECT ANSWER EARNS THREE POINTS. THERE WOULD BE NEGATIVE MARKING. ONE POINT WOULD BE DEDUCTED FOR EVERY INCORRECT ANSWER.
8. CANDIDATES MAY NOT LEAVE THE EXAMINATION ROOM UNESCORTED FOR ANY REASON, AND THIS INCLUDES USING THE WASHROOM.
9. NO MATERIALS OR ELECTRONIC DEVICES SHALL BE BROUGHT INTO THE ROOM.
10. THERE ARE FIVE CATEGORIES OF THE CONTEST AS UNDER:
  - A. TODDLERS (GRADE 1 & 2)
  - B. KIDS (GRADE 3 & 4)
  - C. JUNIORS (GRADE 5 & 6)
  - D. JUVENILES (GRADE 7 & 8)
  - E. ADOLESCENTS (GRADE 9 & 10 / O-LEVELS)
11. ONLY REGISTERED STUDENTS CAN PARTICIPATE IN THE CONTEST.
12. NO CANDIDATE SHALL TAKE OUT OF THE HALL ANY ANSWER BOOK(S) OR PART OF AN ANSWER BOOK, WHETHER USED OR UNUSED, OR OTHER SUPPLIED MATERIAL.
13. IF A PARTICIPANT DOES NOT UNDERSTAND A WORD OR PHRASE ON THE EXAM PAPER, NEITHER EXAMINER NOR INVIGILATOR IS PERMITTED TO ANSWER.
14. FOR INFORMATION ABOUT UPCOMING CONTESTS OR PROVIDING VALUABLE FEEDBACK, PLEASE VISIT [WWW.CATSCONTESTS.ORG](http://WWW.CATSCONTESTS.ORG)
15. ANY ACADEMIC MISCONDUCT OR MALPRACTICE MUST BE REPORTED TO INTERNATIONAL CATS CONTESTS AT [INFO@CATSCONTESTS.ORG](mailto:INFO@CATSCONTESTS.ORG)

Q1.



The drawing compares the size of four different birds. How would you arrange the birds in order from smallest to largest?

**A** Cardinal, sparrow, crow, dove

**B** Sparrow, cardinal, crow, dove

**C** Crow, cardinal, dove, sparrow

**D** Sparrow, cardinal, dove, crow

Q2.



Based on the picture of this dog, an observation can be made that this animal -

**A** runs fast

**B** barks loudly

**C** jumps high

**D** has spots

**Q3.** On her vacation, Mrs. Smith saw a snake, the snake was a solid color and had dark rings around its body. Which is MOST like the snake Mrs. Smith saw?

**A**



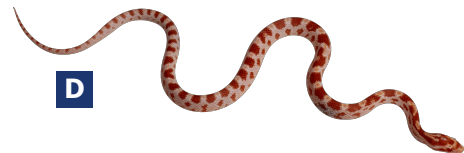
**B**



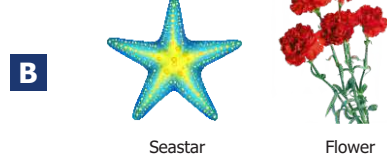
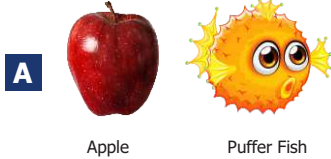
**C**



**D**

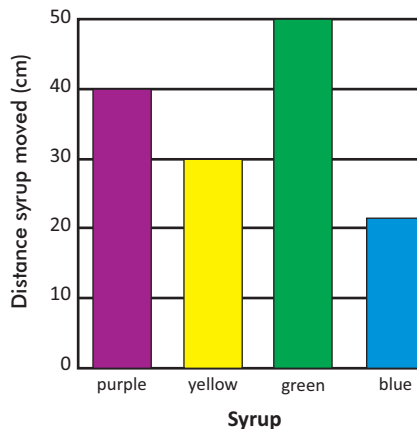


**Q4.** Which picture shows objects with shapes MOST alike?



**Q5.** Syrups are thick, sticky liquids. The thicker the syrup, the more slowly it will move down a slope.

The graph shows the distance four different syrups moved down a slope in one minute.



Which syrup is the thickest?

**A** purple

**B** yellow

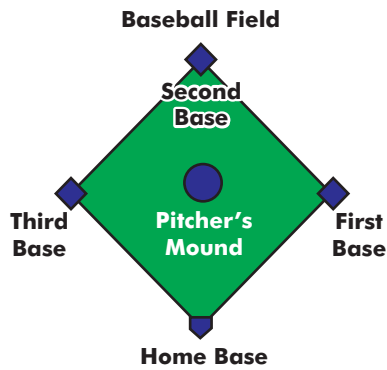
**C** green

**D** blue

**Q6.** Which of these is made from a plant?



Q7.



Which shape is **MOST** like the one made by connecting the bases on the baseball field?

A Circle

B Square

C Triangle

D Oval

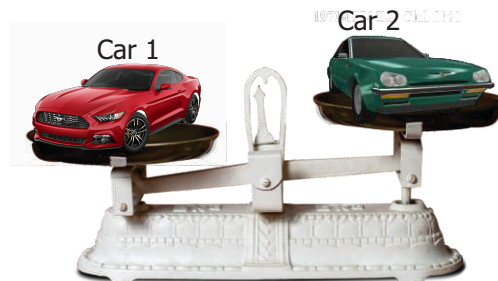
Q8. Which of these **BEST** describes the texture of the metal spoon?

A Small

B Smooth

C Flexible

D Shiny

Q9. Students made observations about these toy cars. Which of these **BEST** describes Car 1 and Car 2?

A Car 1 is heavier than Car 2.

B Car 2 is darker than Car 1.

C Car 2 is bigger than Car 1.

D Car 1 is longer than Car 2.

**Q10.** I am green and small. I can make you cry. I am a \_\_\_\_\_.

**A** Pea

**B** Chilli

**C** Ladyfinger

**D** Spinach

**Q11.** Unscramble the words given below to get the name of the home of the animal shown in the figure.

'ATSLBE'



**A** Ebstla

**B** Tebsla

**C** Stable

**D** Belsta

**Q12.** Select the correct option.

**A**



lives in water.

**B**



has eight legs.

**C**



cannot fly.

**D**



largest living animal.

**Q13.** \_\_\_\_\_ is a living thing because \_\_\_\_\_.



**A** It grows

**B** It can make more money plants

**C** It breathes

**D** All of these

**Q14.** James put a small box on his hand and made the following comments.



It is cold.  
It is rough.  
It is hard.

Which sense organ did James use to make these descriptions?

**A** Ear

**B** Skin

**C** Tongue

**D** Hand

**Q15.** If you face the rising Sun in the morning, the direction on your left is



**A** North

**B** South

**C** East

**D** West

**Q16.** Which of the following is NOT the property of air?

**A** Air fills space.

**B** Air gives shape to things.

**C** Air has weight

**D** None of these.

**Q17.** These pictures can be put in order to tell a story. Which of these pictures MOST likely comes at second last.



**A**



**B**

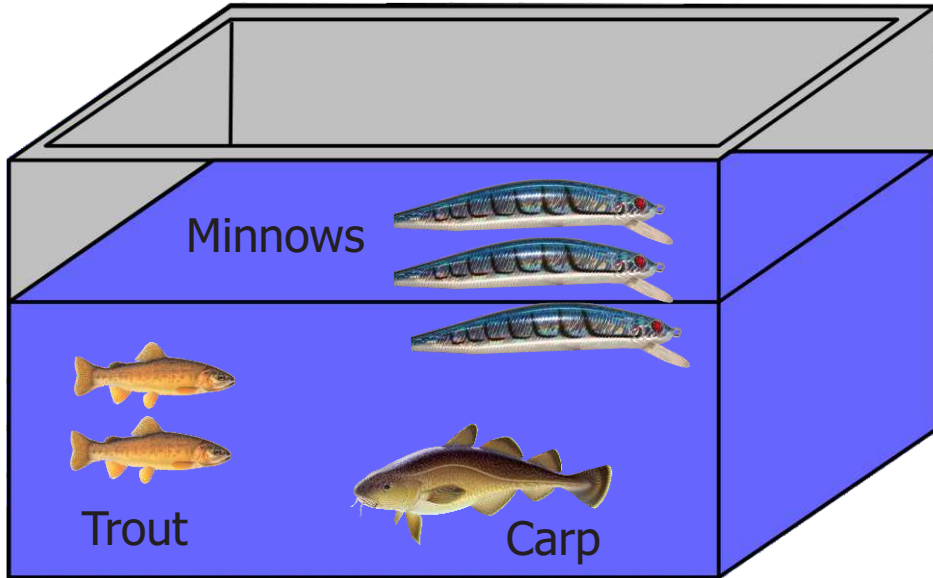


**C**

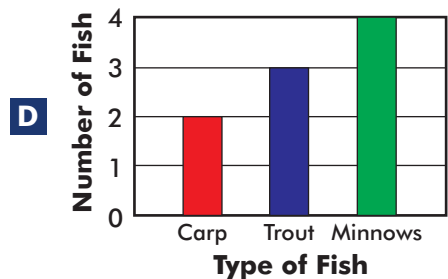
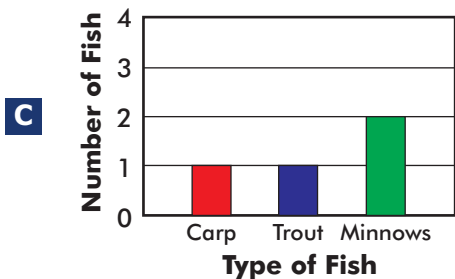
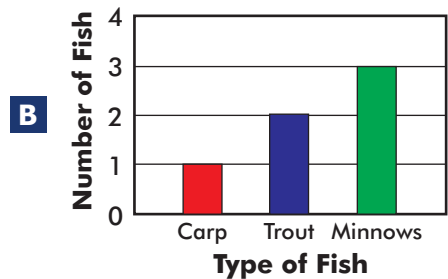
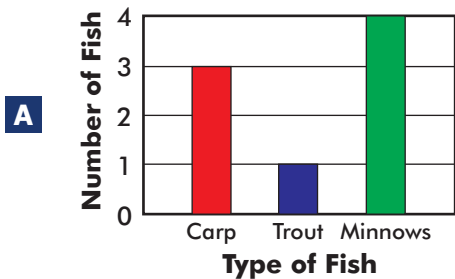


**D**

Q18.

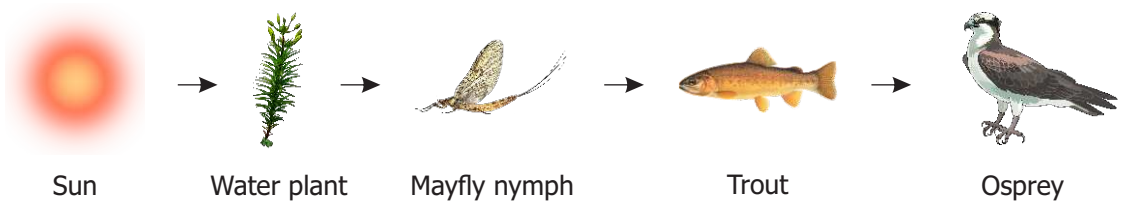


Which graph shows the correct type and number of fish in the fish tank?





**Q19.** Based on the food chain, which of these is a carnivore?



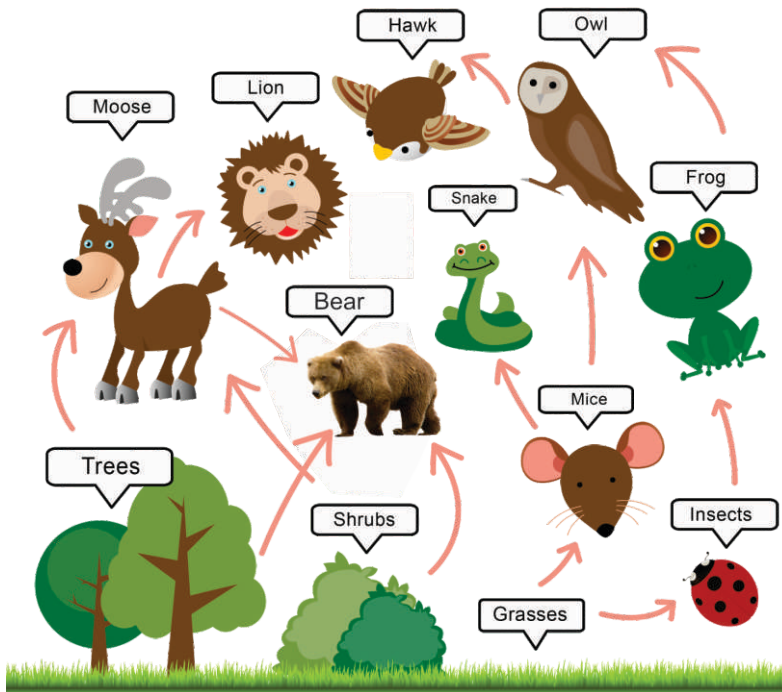
**A** Sun

**B** Water plant

**C** Mayfly nymph

**D** Osprey

**Q20.** A forest food web is shown below.



Which animal eats both plants and other animals for food?

**A** Bear

**B** Lion

**C** Rat

**D** Snake

