
QUESTION PAPER

ICATS SCIENCE CONTEST TODDLERS (GRADE 1 & 2)

TIME ALLOWED: 60 MINUTES

MAXIMUM MARKS: 60

TOTAL QUESTIONS: 20 MCQS

INSTRUCTIONS

1. DON'T OPEN THIS BOOKLET UNTIL INSTRUCTED.
2. WRITE YOUR NAME, FATHER NAME, SCHOOL ETC AT THE BUBBLE SHEET ONLY.
3. RECORD ALL ANSWERS ON THE BUBBLE SHEET ONLY.
4. 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.
6. USE OF ANY HELPING MATERIAL INCLUDING CELL PHONES AND ELECTRONIC DEVICES IS STRICTLY PROHIBITED.
7. EVERY CORRECT ANSWER EARNS THREE POINTS.
8. ONE POINT WOULD BE DEDUCTED FOR EVERY INCORRECT ANSWER.



**International
Competence and Aptitude Testing Services**

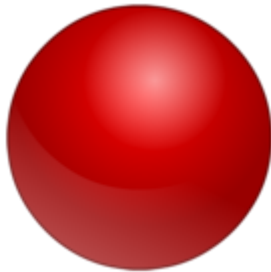
Q1. Which property matches this object?



Select the best answer.

- A. scratchy
- B. transparent
- C. soft
- D. smooth

Q2. Which property do these four objects have in common?



Rubber Ball



Soccer Ball



Spring



Inflatable castle

Select the best answer

- A. fuzzy
- B. blue
- C. fragile
- D. bouncy

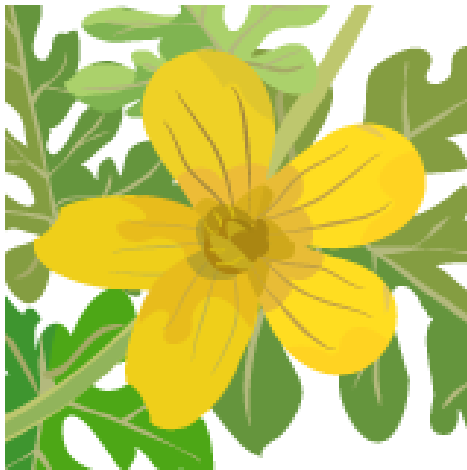
Q3. People use cucumber plants for food. We usually eat the part of this plant that protects the seeds.



Which part of the cucumber plant do we usually eat?

- A. the leaves
- B. the fruit
- C. the root
- D. the flowers

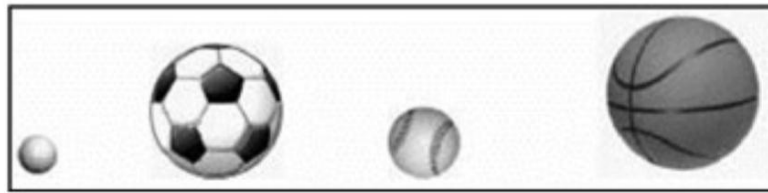
Q4. The male part of a flower makes pollen.



Complete the sentence.

Pollen helps a plant _____

- A. grow roots
- B. make seeds
- C. make flowers
- D. make leaves



Q5. Which of the following is TRUE about the balls shown above?

- A. All have the same shape.
- B. All have the same size.
- C. All have the same colour.
- D. All have different shape.

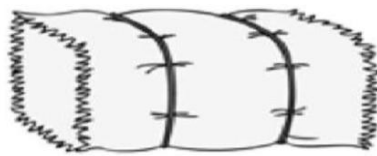
Q6. What state of matter is the cover of the balls (shown above Q5)?

- A. solid
- B. liquid
- C. gas
- D. none of these

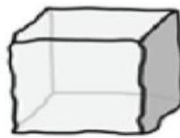
Q7. Which of the following words is an example of a physical property?

- A. rusting
- B. Burning
- C. Melting
- D. bumpy

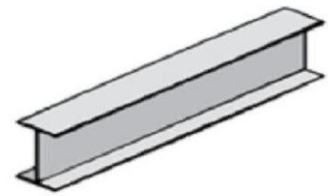
Q8. If you want to build a bridge, what would you use?



straw



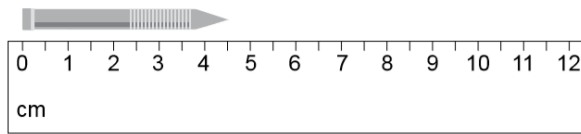
ice cube



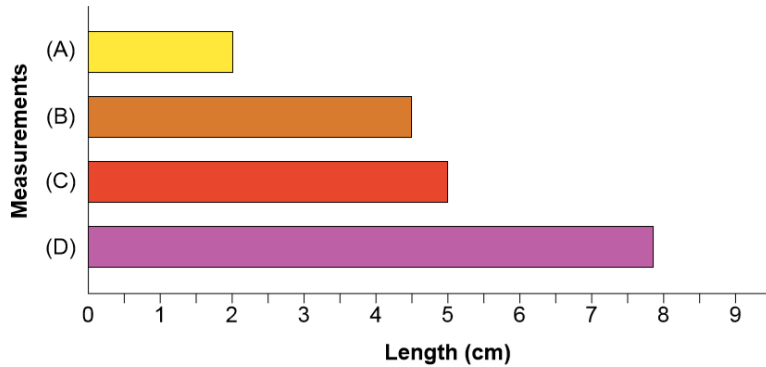
metal beam

- A. Straw
- B. Ice cube
- C. Metal beam
- D. All of these

Q9. Rick measured a nail as shown in the diagram.

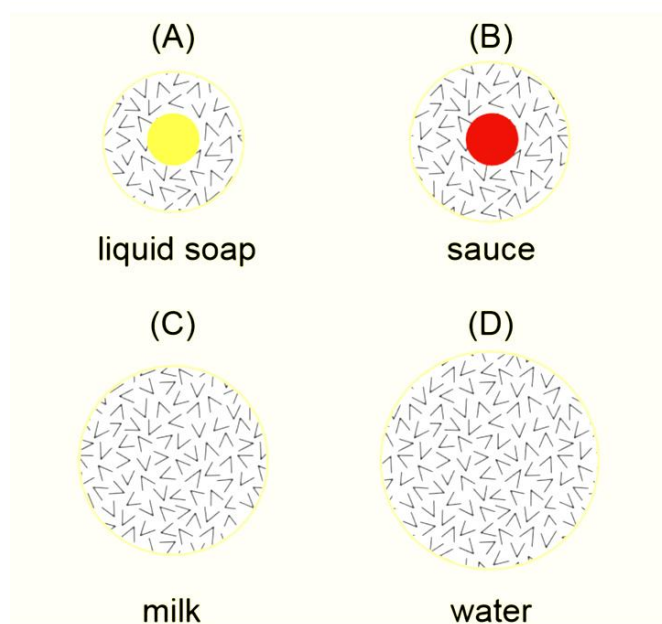


Which bar on the graph represents Rick's measurement?

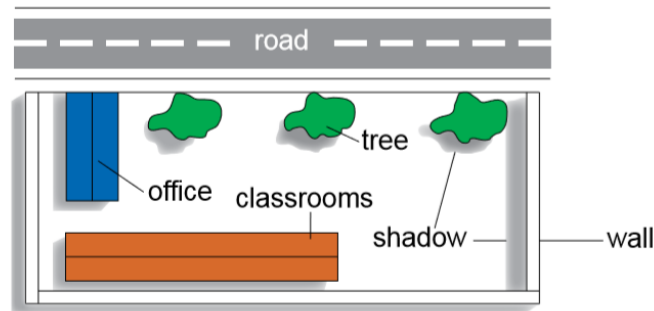


Q10. Liquids that spread quickly through a paper towel are absorbed better than those that spread more slowly. Some children put one measured drop of four different liquids – liquid soap, sauce, milk and water – on a piece of paper towel. The drawing shows their results after one minute.

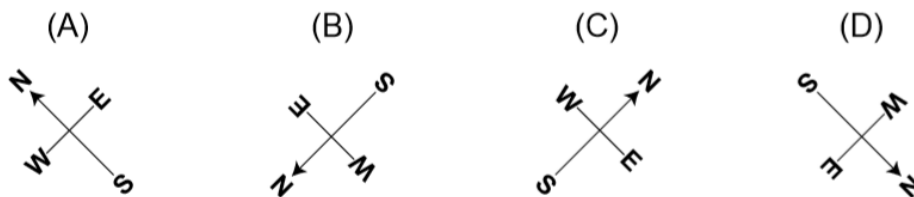
Which liquid was best absorbed by the paper towel



Q11. The Sun rises in the east and sets in the west. The drawing shows a view from above of a schoolyard early in the morning



Which pointer is correctly showing north for this view of the schoolyard?



Q12. Which two senses would best help a person measure their length?

- A. Smell and Hearing
- B. Touch and Sight
- C. Sight and Hearing
- D. Taste and Smell

Q13. Some activities are given below.

- 1. Taking lunch 2. Going to school 3. Brushing teeth 4. Taking breakfast**

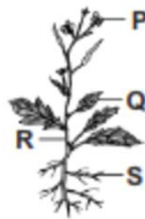
Select the option which correctly arranges the above activities in order of performance (start from morning).

- A. 1 2 4 3
- B. 1 3 4 2
- C. 3 1 2 4
- D. 3 4 2 1

Q14. I am yellow in colour. While cooking you add me in your vegetables to give them colour. I am T-----

- A. OMATO
 - B. URNIP
 - C. ABBAGE
 - D. URMERIC
-

Q15. Which part of given plant produces seeds?



- A. P
 - B. S
 - C. Q
 - D. R
-

Q16. Which of these is most likely a balance?



17. Based on observation only, what are similarities between adult cockroach and the nymph?



Adult cockroach



Nymph (young cockroach)

1. They have wings
2. They have the same number of legs
3. They have a pair of long feelers
4. They have three body parts

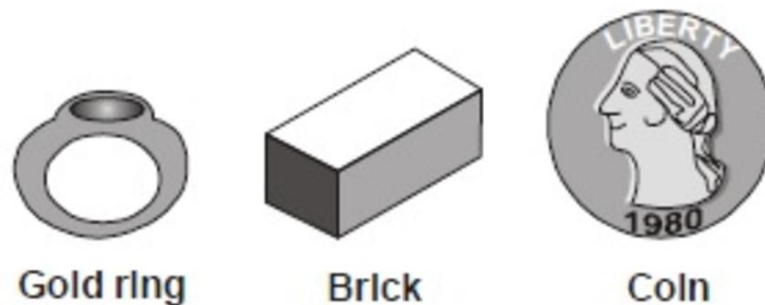
- A. 2 and 3 only
 - B. 3 and 4 only
 - C. 2 , 3 and 4 only
 - D. 1 , 2 and 3 only
-

Q18. Which one of the following is different from the rest of the group?



- A. Apple
 - B. Plant
 - C. Eraser
 - D. Steam
-

Q19. Which of the following properties is not shared by all the objects shown above?



- A. They are all solids
 - B. They will all sink in water
 - C. They will attract a magnet
 - D. They are all made from earth materials
-

Q 20. The given picture shows things needed by plants to grow. What are these things?



- A. Oil, water and sunlight
- B. Oil, sunlight and air
- C. Soil, air ,water and sunlight
- D. Sunlight and water.



PAKISTAN OFFICE

International CATS Contests

Suite # S-5, 2nd Floor, Zainab Tower, 9-11, B-Block Commercial, Architect Society, Lahore.

Ph. +92 42 3513 2277 Cell. +92 323 444 3396

www.catscontests.org

UAE OFFICE

International CATS Contests Tourist Club, Abu Dhabi, UAE.

Ph. +971 2 6810335 Cell: +971 55 1344501

www.catscontests.org