

2017

Class

National Achievement Survey

5

Achievement Test

Test Form No.

5 2

Medium of Instruction _____

English

<< TO BE FILLED IN BY FIELD INVESTIGATOR >>

UDISE School Code											
Student's ID		Student's Aadhaar Number									
<input type="text"/>		<input type="text"/>									
Area Code		Section		Social Group		CWSN					
1 Rural <input type="checkbox"/>		<input type="checkbox"/>		1 SC		1 LD					
2 Urban <input type="checkbox"/>				2 ST <input type="checkbox"/>		2 VI					
School Management		Student's Gender		3 OBC <input type="checkbox"/>		3 HI <input type="checkbox"/>					
1 Govt. <input type="checkbox"/>		1 Boy <input type="checkbox"/>		4 General		4 S&LD <input type="checkbox"/>					
2 Govt.-aided <input type="checkbox"/>		2 Girl <input type="checkbox"/>				5 ID					
						6 OthD					
		CWSN : LD- Locomotor Disability; VI-Visual Impairment; HI- Hearing Impairment; S&LD- Speech & Language Disability; ID- Intellectual Disability; OthD- Other Disabilities									
Student's name		<input type="text"/>									
School's name		<input type="text"/>									
District		<input type="text"/>									
State		<input type="text"/>									

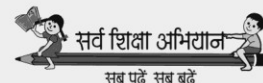


Government of India
Ministry of Human Resource Development



विद्यया ऽ मृतमश्नुते
एन सी ई आर टी
NCERT

राष्ट्रीय शैक्षिक अनुसंधान और प्रशिक्षण परिषद्
NATIONAL COUNCIL OF EDUCATIONAL RESEARCH AND TRAINING
Sri Aurobindo Marg, New Delhi 110 016
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सब पढ़ें सब बढ़ें

Instructions for the Field Investigator

(READ these instructions CAREFULLY before beginning the test)

- Write UDISE School Code, Student's ID, Student's Aadhaar Number, Area Code (Rural-1, Urban-2), School Management (Govt.-1, Govt. aided-2), Student's Gender (Boy-1, Girl-2), Social Group (SC-1, ST-2, OBC-3, General-4), CWSN : LD (Locomotor Disability) – 1; VI (Visual Impairment) – 2; HI (Hearing Impairment) – 3; S&LD (Speech & Language Disability) – 4; ID (Intellectual Disability) – 5; OthD (Other Disabilities) – 6; Student's Name, School's Name, District and State.
- Divide the total number of selected students into **two** groups.
- One test form should be distributed to one group of students.
- **Complete all the entries on the first page before distribution of the test booklet** taking help from the school register/class teacher.
- All entries are mandatory and should be in English only. Write all codes in international numerals, i.e., 1, 2, 3...
- Ensure that all the children are seated comfortably in their respective places.
- Ask the children to take out their pencils and erasers and keep them ready.
- Distribute the test booklet to the children. Tell the children not to open their booklets till it is told to do so.
- Give the following directions to the children "**Find the answer to the question from the options given.**

Circle the correct option.

- Do the following example on the board and explain how to mark the answer.

Q. Given the numbers 36, 28, 41 and 59 which is the largest?	
A	36
B	28
C	59
D	41

- The field investigator should tell the children that they should **Circle only one option as correct.**
- Give the following **Directions to the children, "Look at Question No.1, all of you read silently the given passage."**

LANGUAGE TEST (Q1 to Q15)

- The field investigator should facilitate the progress of the child from one question to the next.
- Ask the children to **read silently** the given passage, advertisement, poster or the calendar.
- The field investigator **should not** read these passages aloud.
- When the children have finished reading, only then read out questions one by one along with their options.
- Ask them to circle the correct option for each question.
- The field investigator should not hurry with the test.

ENVIRONMENTAL STUDIES (Q16 to Q30) AND MATHEMATICS (Q31 to Q45) TEST

- Give the following directions to the children "**Find the answer to the question from the options given. Circle the correct answer.**
- Give the following **Directions to the children, "I will read it aloud. All of you will read silently along with me."**

- **Read aloud slowly the first question, so that the children are able to understand. If needed repeat the question but ONLY ONCE.**

- Each question should take approximately **20-30 Seconds to read aloud.**
- Give the following directions to the children, "**Now mark the correct option in your booklet**".
- Let the child answer the question on his/her own.
- **Wait for approximately 45 Seconds**, for the children to understand the question and record the answer before proceeding to the next question.
- DO NOT help or give any clue to children in finding out the answer to the questions.
- Give the following directions to the children, "**Now you will do the next question. Pay attention to the next question.**"
- It should take **approximately 2 minutes** for completing each question by following the above guidelines.
- Follow the same procedure for the entire questions one after the other till the end.
- The entire procedure should take approximately **90 minutes** to complete.
- After the completion of the test, collect all the test booklets from the children.
- Arrange the booklets in the increasing order of Student ID.
- Ensure the number of booklets distributed to the children, match with the number of children.

Part 1- Read the story given below:**Climbing Mount Everest**

Tenzing and Hillary were climbing the peak of the Everest balancing their bodies carefully. They were tired but they did not lose hope. They were marching forward. To set their feet in the snow, Tenzing made a pit to find out how deep the snow was. As they were climbing, they saw a 12 meter high steep rock. With great difficulty and care they continued climbing up the steep rock. Finally, their struggle ended. They were at the peak of the Everest. Mount Everest is the world's highest peak. Tenzing and Hillary looked at each other with excitement. Their hearts were filled with joy.

Encircle the correct option to answer questions:

- 1. Tenzing and Hillary were able to climb the Everest because they were _____.**
 - A) delighted
 - B) courageous
 - C) worried
 - D) tired

2. What is unique about Mount Everest?

- A) It is a very dangerous mountain.
- B) It is the world's highest peak.
- C) It has steep rocks.
- D) It is always covered with snow.

3. Why were Tenzing and Hillary finding it difficult to climb the mountain?

- A) The rock was very steep.
- B) The snow on the rock was melting.
- C) There were many pits in the rock.
- D) There were wild animals on the rock.

4. Why were Tenzing and Hillary excited?

- A) They saw a steep rock.
- B) They had made pits in the snow.
- C) They could walk easily in the snow.
- D) They had reached the peak.

5. Tenzing and Hillary's hearts were filled with _____.

- A) tiredness
- B) pain
- C) joy
- D) sorrow

Part 2- Read the story given below.**A Strange Trick**

Long time ago a robbery took place at a merchant's house. He went to King Krishnadevraya and told him about it. The king called his most intelligent minister Tenaliram and asked him to solve the case. Tenaliram called all the servants and friends of the merchant and gave each one a stick of the same length. He told them, "Take the stick and bring it back tomorrow. These are special sticks. Whenever they are in the possession of a thief they grow longer by a finger's length in a day. If you have not stolen, the length of the stick will neither increase nor decrease. In this way I will be able to identify the thief." Everyone went home with their stick. Among them was the thief. He thought, "I will be caught tomorrow in front of the King if my stick is longer by a finger's length. I don't know what sort of a punishment I might get. Therefore, why not cut this strange stick shorter by a finger's length?" So he cut the stick off and made it smooth and nice. It was difficult to make out that it had been cut. Next morning the thief happily went to the King. Tenaliram started checking all the sticks and easily found the thief as his stick was shorter by a finger's length.

Encircle the correct option in the following questions

- 6. Whom did Tenaliram call to identify the thief?**
- A) The King
 - B) The King and the merchant
 - C) The merchant's servants
 - D) All the servants and friends of the merchant
- 7. Why did the King ask Tenaliram to find the thief?**
- A) The king liked Tenaliram.
 - B) Tenaliram knew about the thief.
 - C) Tenaliram had magical sticks.
 - D) Tenaliram was the most intelligent minister.
- 8. “cut this strange stick shorter by a finger's length.”
What is the meaning of the word ‘strange’ in this sentence?**
- A) Broken
 - B) Big
 - C) Special
 - D) Old

- 9. 'Next morning the thief happily went to the King.'**
In this sentence, which word shows an 'action'.
- A) Went
 - B) King
 - C) Thief
 - D) Morning
- 10. What happened at the end of the story?**
- A) The sticks were measured.
 - B) The thief was caught.
 - C) Another robbery took place.
 - D) The thief was scared.

Part 3: Read the advertisement below:

Posters of Poems



Read and then if you want
Gift it to your friend!

**In this collection of Posters of Poems there are twelve poems.
Price Rupees Twenty Five each
To order it you may call up or write to us at the
following address:**

**Publication Department,
NCERT,
Sri Aurobindo Marg, New Delhi-110016**

Phone:01126454502

Encircle the correct option to answer the following questions

- 11. What is this advertisement about?**
- A) Calling Friends
 - B) Writing to Publisher
 - C) Posters of Poems
 - D) Gifting Books
- 12. To order the ‘Posters of Poems’ what would you do?**
- A) Send a person
 - B) Make a call
 - C) Send a poem
 - D) Send a gift
- 13. How much money will you pay to buy one poster of poem?**
- A) Rupees Twelve
 - B) Rupees Twenty
 - C) Rupees Twenty Five
 - D) Rupees Fifty

14. What does the advertisement tell about the ‘Posters of Poems’?

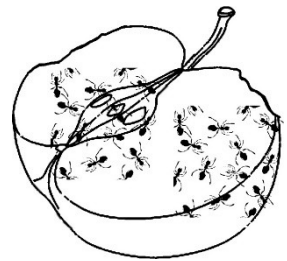
- A) Making the Poem Posters yourself
- B) Decorating the Poem Posters
- C) Getting the Poem Posters free of cost
- D) Gifting the Poem Posters to friends

15. Which one of the following words is a ‘naming word’?

- A) friend
- B) gift
- C) call
- D) order

16. You see many ants on a piece of half eaten fruit.

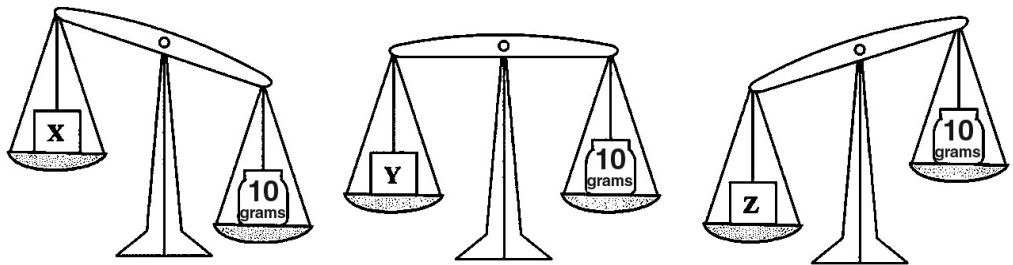
What does this tell about the special feature of the ants?



- A) Ants have a strong sense of smell.
- B) Ants are very small.
- C) Ants can carry food.
- D) Ants are black in colour.

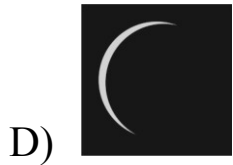
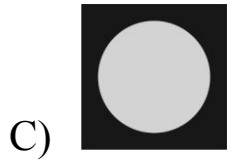
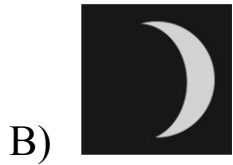
17. Which of these can be issued to you only at 18 years of age?
- A) Aadhaar card
 - B) Ration card
 - C) Birth certificate
 - D) Voter ID card

18. Which one of the boxes X, Y or Z is the lightest?



- A) X
 - B) Y
 - C) Z
 - D) All are equal
19. Following objects are buried in a wet ground. After some years these are dug up. Which object will show minimum change?
- A) The orange peel
 - B) The paper plate
 - C) The plastic cup
 - D) The cloth bag

20. What phase of moon will come in order?



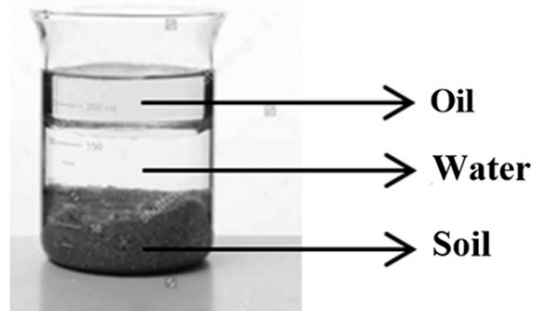
21. Your friend is vomiting repeatedly and has loose motion since morning.

What could be the reason for her condition?

- A) She ate clean and healthy home food last night.
- B) She ate food from a stall where food was uncovered.
- C) She had proper sleep at night.
- D) She washed her hands properly before eating.

- 22. A hot, boiled egg is put into a cup of cold water. What happens to the temperature of water and egg?**
- A) Water gets colder and egg gets warmer
 - B) Water gets warmer and egg gets colder
 - C) Both water and egg gets warmer
 - D) Both water and egg gets colder
- 23. Plants can be grouped in order of their increasing height as herbs, shrubs and trees. Which of the following is correct?**
- A) Grass is a tree.
 - B) Mint plant is a shrub.
 - C) Rose plant is a shrub.
 - D) Mango plant is a herb.

24. Look at the picture given below:



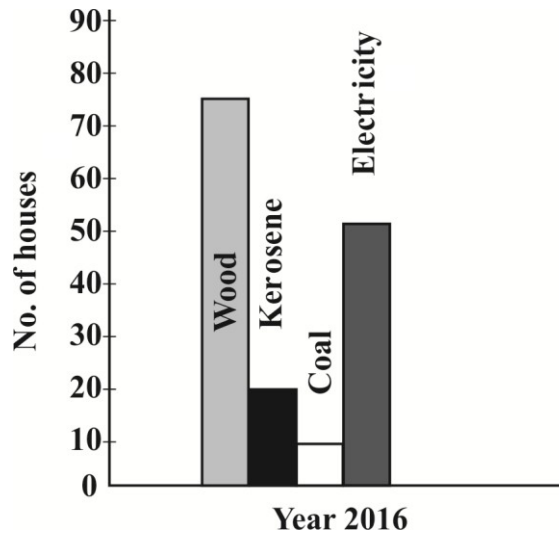
Which of the following conclusions can you draw based on your observation?

- A) Water is heavier than oil.
- B) Oil is heavier than water.
- C) Water is heavier than soil.
- D) Oil is heavier than soil.

25. Why are earthworms called farmer's best friend?

- A) They lay eggs for insects.
- B) They are food for the crows.
- C) They make the soil richer in nutrient.
- D) They eat other worms in the soil.

26. As per the graph in the year 2016, how many houses used Kerosene?

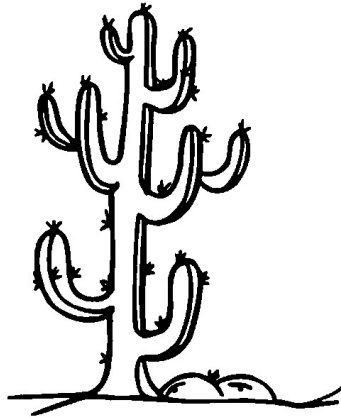


- A) 5
- B) 15
- C) 20
- D) 75
27. Which of the following is **NOT** a function of police?
- A) to protect public property
- B) to maintain law and order
- C) to control crowd
- D) to grant loans

28. What would happen, if girls are not allowed to play games?

- A) It will give them time to watch television.
- B) It will hamper their physical development.
- C) It will motivate them to study more.
- D) It will encourage them to make friends.

29. Cactus plants in deserts have leaves in the shape of spines.



How are the spines helpful?

- A) to absorb water
- B) to reduce loss of water
- C) to absorb sunlight
- D) to gather the sand in the spines

30. Look at the table given below. It shows the time of sunrise and sunset in Patna.

Date	Time of sunrise (Hours : Minutes)	Time of sunset (Hours : Minutes)
10/06/2016	05:45	18:50
11/06/2016	06:05	19:00
12/06/2016	05:55	18:55
13/06/2016	05:50	18:45

On which date did the sun rise the earliest?

- A) 10/06/2016
 - B) 11/06/2016
 - C) 12/06/2016
 - D) 13/06/2016
31. From your home, if school is 1 km, hospital is 859 meters and market is 1010 meters. Which one is the farthest?
- A) Market
 - B) Hospital
 - C) School
 - D) All three are at equal distance

32. Look at this clock.



What was the time shown by the clock one hour before?

A)



B)



C)



D)



33. A Bicycle has 2 wheels and tricycle has 3 wheels.
What is the total number of wheels in 3 bicycles and 2 tricycles?



- A) 5
B) 9
C) 10
D) 12
34. For given rates of tomatoes and potatoes per kg, what will be total cost of $2\frac{1}{2}$ kg of tomato and $1\frac{1}{2}$ kg of potato?

Tomato



₹18 per Kg

Potato

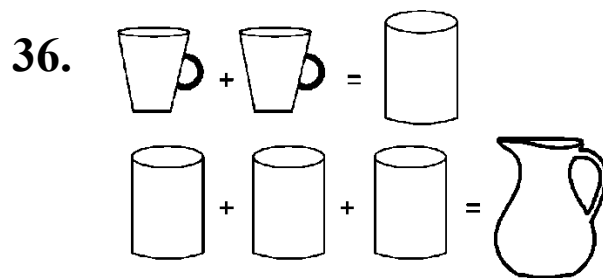



₹13 per Kg


- A) ₹45.00
B) ₹54.50
C) ₹59.60
D) ₹64.50

35. There are 100 trees in a garden. Of them, $\frac{1}{5}$ are mango trees. How many other trees are there?

- A) 20
- B) 40
- C) 80
- D) 100

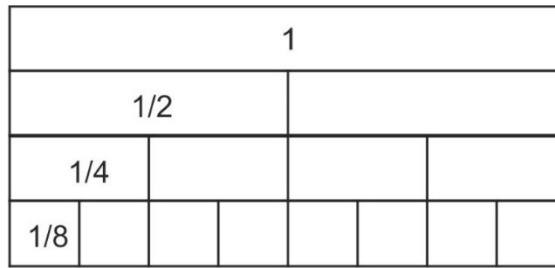


If  = 200 mL

then  is _____

- A) less than 500 mL
- B) between 1L and 2L
- C) between 500 mL and 1L
- D) more than 2L

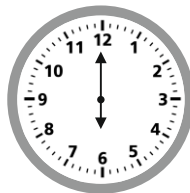
37. Observe the given figure.



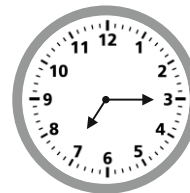
How many $\frac{1}{8}$ will make $\frac{1}{2}$?

- A) 1
- B) 2
- C) 4
- D) 8

38.



Time I go to play



Time I come back from play

How long did I play?

- A) 1 hr 3 min
- B) 1 hr 15 min
- C) 7 hr 3 min
- D) 7 hr 15 min

39. Observe the two shaded figures.

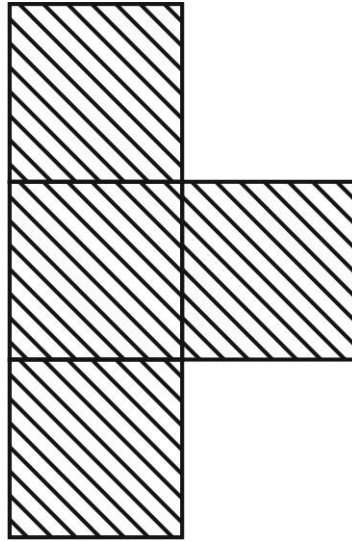


Figure 1

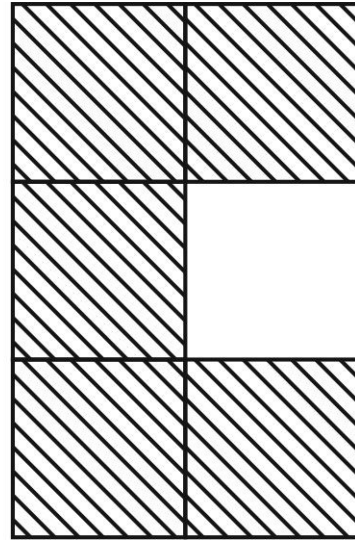
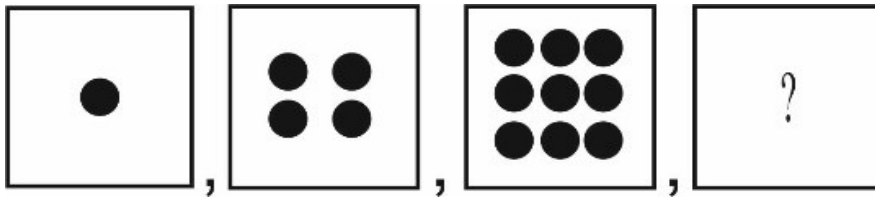


Figure 2

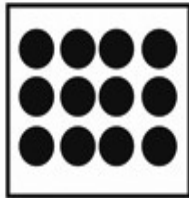
Which of the following statement is correct?

- A) Area of figure 1 is greater than figure 2.
- B) Area of figure 1 is less than figure 2.
- C) Area of figure 1 is same as figure 2.
- D) Area of the figures cannot be compared.

40. What is the next square number after 9?



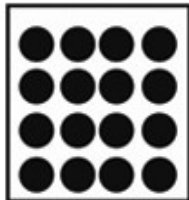
A)



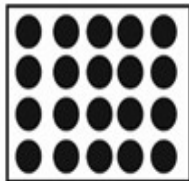
B)








C)



D)



41. Look at the pictograph and answer.

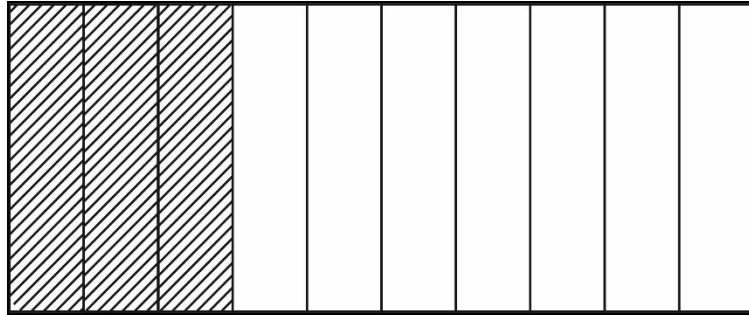
	Points scored
Game 1	
Game 2	
Game 3	
Game 4	
Game 5	

 = 5 points scored

How many points were scored in Game 2?

- A) 30
- B) 25
- C) 20
- D) 15

42. What decimal number is illustrated by shaded part of the given diagram?



- A) 0.3
B) 0.03
C) 0.7
D) 0.07
43. This is a Dictionary.



Which angle is made at the corner of the dictionary?

- A) Right angle
B) Acute angle
C) Obtuse angle
D) Linear angle

44. 3 litres of orange juice is required for a party. A shopkeeper sells orange juice in 250mL containers only. How many containers should be bought?

- A) 3
- B) 4
- C) 12
- D) 25

45. You bought these items from a shop.

Oil	₹ 108
Rice	₹ 253
Sugar	₹ 242

You gave ₹1000 to the shopkeeper. How much money will the shopkeeper give back to you?

- A) ₹603
- B) ₹403
- C) ₹297
- D) ₹397