Grade 6 National Assessment
June 14, 2018

Time: 90 Minutes

DO NOT TAKE THIS PAPER OUT OF THE EXAMINATION ROOM

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MINISTRY OF EDUCATION HUMAN RESOURCE DEVELOPMENT

INSTRUCTIONS

READ THE FOLLOWING INSTRUCTIONS BEFORE ATTEMPTING THE TEST.

1. THIS PAPER CONTAINS SIXTY (60) QUESTIONS.

2. YOU HAVE NINETY (90) MINUTES TO COMPLETE THIS PAPER.

3. FOR EACH QUESTION, CIRCLE THE LETTER ON THE ANSWER SHEET THAT CORRESPONDS TO THE ANSWER YOU HAVE CHOSEN.

4. USE A PENCIL TO SHADE IN THE CORRECT ANSWER.

EXAMPLE

1. Which of the following is a noun?
   A. Alvin
   B. Jump
   C. Because
   D. Under

   The correct answer is Alvin, letter A. On your answer sheet you shade
   B C D

   If there is a need to change your answer, erase it and circle your new answer.

5. IF YOU ARE UNABLE TO ANSWER A QUESTION LEAVE IT AND MOVE ON TO THE NEXT QUESTION. YOU WILL RETURN TO IT LATER IF THERE IS AVAILABLE TIME.
GRAMMAR AND USAGE

Read the sentence in Question 1. Choose the letter for the word which best completes the sentence.

1. To _________ does this pencil belong?
   A. who
   B. whose
   C. whom
   D. which

Choose the letter that gives the correct part of speech of the underlined word in the sentence below.

2. Mother prepared an excellent meal.
   A. pronoun
   B. preposition
   C. adjective
   D. noun

Complete Questions 3 – 5 by choosing the letter which corresponds with the correct form of the words in brackets ( ).

3. I am not _________ to go out alone at nights. (ALLOW)
   A. allowance
   B. allowing
   C. allows
   D. allowed
4. It is __________ to drink sorrel at Christmas time in Dominica. (CUSTOM)
   A. customized
   B. customary
   C. accustom
   D. accustomed

5. My teacher __________ and hears everything that happens in the classroom. (SEE)
   A. seeing
   B. seen
   C. sees
   D. saw

Questions 6 – 8 each has a possible error. Select the letter which corresponds with that error.

6. One of the boys in grade 6 were chosen to represent the school.
   A                     B                     C                     D

7. Why can’t we have a competition among the two of us?
   A                     B                     C                     D

8. Jake is the shortest of the twins, but the smartest of his mum’s three children.
   A                     B                     C                     D
In which sentence below is the apostrophe used CORRECTLY?

9. A. She can't remember the details.
   B. She can't remember the details.
   C. She can't remember the details.
   D. She ca'not remember the details.

10. Choose the sentence that is correctly changed from direct to indirect speech.

   "I am playing cricket," said Jack.

   A. Jack said that he is playing cricket.
   B. Jack said that "he was playing cricket."
   C. Jack replied that, "I am playing cricket."
   D. Jack said I am playing cricket.

VOCABULARY

Choose the word that is similar in meaning to the CAPITALIZED words in Questions 11 – 12.

11. The rich woman CONTRIBUTED a large sum of money to the rebuilding fund.

   A. gave
   B. borrowed
   C. loaned
   D. took
12. Two young boys CREATED the winning art piece.

A. bought  
B. designed  
C. brought  
D. copied  

Choose the word OPPOSITE in meaning to the one underlined words in Questions 13 – 14.

13. The defender had to try to **defend** the goal to prevent the other team from scoring.

A. attack  
B. save  
C. guard  
D. play  

14. They were **fearful** about going into the forest.

A. careful  
B. unhappy  
C. petrified  
D. confident
Select the word that BEST completes the sentences in items 15 -18.

15. Because of its harmful effects, cigarette smoking was __________ in public place.

   A. promoted  
   B. introduced  
   C. allowed  
   D. banned

16. In our __________ society everyone owns a cell phone.

   A. modern  
   B. youthful  
   C. powerful  
   D. wayward

17. People gathered together to listen to a concert are called the __________

   A. choir  
   B. audience  
   C. congregation  
   D. mob

18. Marvin is always telling exciting and original stories. He has a vivid __________

   A. fantasy  
   B. memory  
   C. listener  
   D. imagination
What do the statements in items 19 – 20 mean?

19. The young boy was like a skyscraper next to his friend.

A. The young boy was a building.
B. The young boy was shorter than his friend.
C. The young boy was much taller than his friend.
D. The young boy and his friend were next to a skyscraper.

20. Carrying my school bag is like dragging around a bag of boulders.

A. I had boulders in my school bag.
B. My school bag was very heavy.
C. My school bag looked like a boulder.
D. My school bag was shaped like a stone.

SPELLING

Select the SUFFIX that correctly completes the bolded word below.

21. Our plans are **flex**__________ it can be changed if needed.

A. able
B. ful
C. ive
D. ible
Select the **PREFIX** that correctly completes the bolded word below.

22. The nurse used a/an __________septic to clean the wound.
   
   A. contra  
   B. ante  
   C. anti  
   D. bio  

   For items 23 -24, choose the word that is spelt INCORRECTLY.

   23. A. neighbour  
       B. friend  
       C. weight  
       D. acheive  

   24. A. rough  
       B. thought  
       C. eighth  
       D. length  

   25. A. frightened  
       B. allready  
       C. alternative  
       D. broadcast  

   26. A. pronounciation  
       B. temporary  
       C. bouquet  
       D. tragedy
For questions 25 – 26, select the incorrectly spelt underlined word in each sentence.

27. The economy of a country is its wealth and resources.
   A   B   C   D

28. A complete assessment needs to be made of the entire situation.
   A   B   C   D


A. bare
B. beer
C. bear
D. bier

Select the LETTER above that corresponds with the word that best completes the sentences below.

29. The pain is too strong for him to _________.

30. The top of the hill is _________ yet the mist made it difficult for us to see ahead of us.

STUDY SKILLS

31. Which word can be found between the guidewords; degrade and dehydrate in a dictionary?

   A. dehydration
   B. disguise
   C. degree
   D. disgust
32. These words are in alphabetical order: impress, improvise, impudent. Which word would come next?

A. indepted  
B. impede  
C. improper  
D. inability

33. Which section of a textbook is used to find the meaning of a word, found in the book?

A. Glossary  
B. Index  
C. Table of Contents  
D. References

34. Which of the following is located in the reference section of a library?

A. novels  
B. autobiographies  
C. comic books  
D. encyclopedia
35. Which section of the book is this excerpt taken?

A. Glossary  
B. Index  
C. Table of Contents  
D. References

36. The numbers shown on this page tells us

A. The number of times the word appears in the book. 
B. The chapter and page number where the word appears. 
C. The page number where the word appears. 
D. The number of pages where the word is found in the book.
SECTION II

COMPREHENSION

INSTRUCTIONS

- This section contains 4 passages and 24 questions

- Read each passage carefully and answer the questions that follow

- If you do not know an answer, leave it and move on to the next.

  You may return to the ones you missed if you have more time.
Read the recipe then answer Questions 37-42

**Banana Bread**

<table>
<thead>
<tr>
<th>1 cup granulated sugar</th>
<th>2 cups sifted flour</th>
</tr>
</thead>
<tbody>
<tr>
<td>¼ cup butter</td>
<td>1 tsp baking soda</td>
</tr>
<tr>
<td>3 medium mashed bananas</td>
<td>1 tsp baking powder</td>
</tr>
<tr>
<td>1 egg beaten</td>
<td>1 tsp grated spice</td>
</tr>
<tr>
<td></td>
<td>chopped nuts (optional)</td>
</tr>
</tbody>
</table>

**Preparation**

Line the inside of the baking tin with wax paper.

Set oven to a moderate heat of 350°F (180°C)

Mix dry ingredients (flour, baking powder, baking soda and spice)

**Method**

Step 1. Cream the butter and sugar.

Step 2. Add the mashed banana, mix well.

Step 3. Add the beaten egg, mix well.

Step 4. Add dry ingredients, mix well until smooth.

Step 5. Pour mixture into baking tin and place in the oven for 60 minutes.
37. Based on the passage, the baking time should be about
   A. less than 60 minutes
   B. 70 minutes
   C. reduced from 70 to 60 minutes
   D. 60 minutes

38. The banana must be added to the
   A. butter and sugar.
   B. chopped nuts
   C. dry ingredients.
   D. butter only.

39. Which ingredient do you need most?
   A. baking soda
   B. butter
   C. flour
   D. cinnamon

40. At which step do you need to be the most careful?
   A. putting the bread in the oven
   B. mixing butter sugar and egg
   C. mashing the banana
   D. sifting the dry ingredients.

41. The purpose of the wax paper is to
   A. provide grease for the pan
   B. give the mixture a special shape
   C. prevent the mixture from sticking to the pan
   D. hold the mixture together and keep it firm

42. Chopped nuts and raisins are not included in the recipe because they
   A. were bought before the other ingredients.
   B. are not necessary
   C. will be added after the loaf is baked.
   D. are not to be baked.
Read the poem and answer the questions 43 - 48.

On the sagging telephone wires
just outside my window;
hung the corpses
of what were once
three joyous little kites.

Only a few days ago,
they were describing
fussy little arcs,
up there in the blue.
Bobbing and buzzing,
they soared as they flew.

And now they look so forlorn,
so pitiful, hanging there limply.
Their flat silly heads,
wiggling in the breeze.
Their scraggy tails,
twined around the swaying wires.
Their happy function frustrated,
their brief day done.

Frank Collymore

43. Which best describe the kites in movement?

A. Joyous little kites
B. Bobbing and buzzing
C. Fussy little arcs
D. Scraggy tails
44. The happy function of the kites was
   A. Looking colourful and clean
   B. Making little children happy
   C. Flying high and making patterns
   D. Tossing their scraggy tails

45. The comparison of ‘corpses’ to three ‘kites’ is an example of a/an
   A. personification
   B. metaphor
   C. simile
   D. alliteration

46. The line “their brief day is done” means
   A. The kites were flown for a short time in the daytime
   B. Night fell early so the kites were not flown then
   C. The kites hung on the wires for a short time
   D. The kites flew for only a short time before being destroyed

47. What feeling does the poet have for the kites?
   A. Fear
   B. Excitement
   C. Pity
   D. Frustration

48. The author used the word sagging to show that the wires
   A. had fallen down
   B. were weighed down by the kites
   C. seemed to be dancing
   D. were not tightly stretched
Devon's curiosity was too intense to be controlled. His vivid imagination was getting the better of him and he was now determined to find out if the house was really occupied by a ghost.

"I know she is inside there," he declared with all the confidence of a brave eight-year-old.

"How do you know it is a female ghost?" said the nervous Ryan, who had secretly believed that some mysterious force was inside there but was too afraid to acknowledge it openly,

"Because of the way she laughs, stupid, also, don't you remember seeing a broom outside last week and when we came back it was gone? She took it and swept her bedroom. I know this for a fact! A fact! A fact! Now stop asking questions. Let's go!"

Ryan realized that he was losing the battle and thought of new arguments to prevent Devon from entering that mysterious abode.

"Devon," he said hesitantly, "suppose she is really inside there and decides to hold us as hostages until a, a-a-"

"Ransom?" blurted Devon.

"Yes, until a ransom is paid,"

"How funny! What would a ghost do with a ransom? Look if you do not want to come with me, tell me. But remember, if you do not accompany me I will not go with you to explore the cave over the weekend,"

This scared Ryan as he was too afraid to explore the little cave by himself.

"OK then," he finally agreed, "let us go and meet this old duppy and if she tries to hurt us, we will practice our karate kicks on her."
49. Devon's curiosity was too intense to be controlled. Which word can best replace intense in the sentence?
A. strange
B. extreme
C. wild
D. funny

50. Which words best describes Ryan's character?
A. timid and careful
B. curious and coward
C. confident and clever
D. nervous and curious

51. Based on the story, which statement is true?
A. The story took place in a cave
B. The characters were teenage boys
C. the story took place at midnight
D. The characters practiced karate

52. Based on the statement “don't you remember seeing a broom outside last week and when we came back it was gone?” What can you infer?
A. Someone lives in the house
B. The ghost took the broom
C. The ghost is female
D. The boys have vivid imaginations

53. Which title best summarizes the main point of the story?
A. The Strange House
B. The Boy Who Was Afraid of Ghosts
C. An Adventurous and Curious little Boy
D. The Mysterious Sweeping Ghost

54. Ryan and Devon were exploring a cave, when they heard a strange sound. What do you think will happen next?
A. Ryan will run towards the sound
B. Devon will run out of the cave.
C. They will hug each other and scream out of fear.
D. Devon will investigate the source of the sound
Many students enjoy reading a good book. They understand that reading provides many benefits. However, a few students do not appreciate books at all! "Why read?" they ask, "when there is so much to watch on television?" For them the television is more interesting than any book. The screen flickers and changes often, the characters move and speak and the colours add appeal. Books on the other hand, may not even have pictures. You have to use your imagination, which they say, "is hard work!"

However, reading offers several advantages over television. First, you can take a book with you anywhere you want. Anywhere means anywhere: on the bus, to the kitchen, in the street, to church, on vacation and even to the bathroom! It would not be so easy to take a television set with you everywhere you go.

Secondly, a book requires no electricity or batteries to provide it with power. There are no plugs, no switches to turn off or on, nothing to be recharged. You won't be stranded if the electricity goes, or if you do not have money to buy batteries. Your book will work as soon as you open it.

Finally, books allow you to use your imagination. You do not need to depend on the ideas of a movie or television show producer. You can generate your own movie or television show in your head based on the words in your book. You can hear the splash and crash of the Essequibo River in Guyana, touch lions in Africa and smell the market place in Mexico. So what are you waiting for? Pick up a book today, you can take it anywhere with you, it needs no power and best of all you can create your own ideas.

55. Which statement is an opinion?

A. Viewing television is more interesting than books.
B. Book requires no electricity or battery.
C. You can take a book anywhere you want.
D. A television screen flickers and changes after.
56. Based on the passage, "You can hear the splash and crash of the Essequibo River in Guyana, touch lions in Africa and smell the market place in Mexico". This is possible by:

A. looking at the television  
B. reading a book and looking at the pictures  
C. using your imagination when reading  
D. making your own movie

57. According to the passage all of these are characteristics of books except:

A. Books do not require energy source  
B. Books help you to be more creative  
C. There is no limit to where you can carry a book  
D. There must be pictures in order to understand a book

58. Which word can replace the word *generate* in paragraph 4?

A. Great  
B. Power  
C. Create  
D. Watch

59. According to the passage, what do some children think is hard work?

A. Creating pictures in your mind  
B. Reading boring books  
C. Making the characters move or speak  
D. Understanding pictures in books

60. What is the main idea of the paragraph 1?

A. Television is better than books  
B. The importance of books  
C. Why some students do not like reading  
D. The disadvantage of watching television
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4. USE A PENCIL TO SHADE IN THE CORRECT ANSWER.

EXAMPLE

1. What is the place value of the 6 in the number 65 432 represent?
   A. Tens of thousands
   B. thousands
   C. hundreds
   D. ones

   The correct answer is tens of thousands, letter A. On your answer sheet you shade

   B     C     D

   If there is a need to change your answer, erase it and circle your new answer.

5. IF YOU ARE UNABLE TO ANSWER A QUESTION, LEAVE IT AND MOVE ON TO THE NEXT QUESTION. YOU WILL RETURN TO IT LATER IF THERE IS AVAILABLE TIME.

6. NO CALCULATORS are allowed.
1. All the factors of 16 are

A. 0, 1, 2, 4, 6, 16
B. 1, 2, 6, 12
C. 1, 2, 4, 8, 16
D. 1, 2, 4, 12

2. 386 rounded to the nearest 10 is

A. 90
B. 380
C. 390
D. 400

3. Eighteen thousand four hundred and seven written in figures is

A. 18 407
B. 18 417
C. 18 470
D. 18 400 017

4. 8 x 10,000 + 2 x 1,000 + 3 x 10 + 7 x 100 written in standard form is

A. 80 000 2 000 30 700
B. 80 000 2000 700 30
C. 82 700 30
D. 82 730
5. The number 2 can be considered a/an
   A. odd and even number
   B. even and prime number
   C. composite and prime number
   D. prime and odd number

6. $10^2$ is the same as
   A. $10 \times 10$
   B. $10 + 10$
   C. $10 \times 2$
   D. $10 + 2$

7. Vincent wanted to find the answer to $47 \times 34$. What would be the best estimate for the answer?
   A. $40 \times 30$
   B. $50 \times 40$
   C. $50 \times 30$
   D. $40 \times 40$

8. What is the quotient of 36 and 6?
   A. $36 \times 6$
   B. $36 + 6$
   C. $36 - 6$
   D. $36 \div 6$

9. $16 \times 17$ equals
   A. $(16 \times 1) + (16 \times 7)$
   B. $(16 \times 8) + (16 \times 9)$
   C. $(17 \times 1) + (17 \times 6)$
   D. $(17 \times 8) + (17 \times 7)$
10. $8 + 8 + 8 + 8 + 8 + 8$ is the same as
   A. $8 + 6$
   B. $8^6$
   C. $6 \times 8$
   D. $8 \times 8$

11. What is the sum of 31097 and 2356?
   A. 31341
   B. 33453
   C. 53343
   D. 54657

12. $473 - 294$ equals
   A. $474 - 295$
   B. $474 - 294$
   C. $472 - 295$
   D. $475 - 293$

13. $458 \div 4$
   A. 102
   B. 114 R 2
   C. 117
   D. 139 R 2

14. What is the product of 205 x 7?
   A. 14735
   B. 14035
   C. 1435
   D. 1405
15. Frank caught **TWICE** as many fish as his dad. If his dad caught $Y$ number of fish, how many fish did they catch **ALTOGETHER**?

A. $2Y$
B. $2Y + Y$
C. $2 + Y$
D. $(2 + Y) + Y$

16. Jackson played 64 video games in 4 days. He played the same number of games each day. How many games did he play **each** day?

A. $64 \div 4$
B. $64 \times 4$
C. $64 + 4$
D. $64 - 4$

17. Martha read a 240-page book in 6 days. She read the same number of pages each day. How many pages did she read **each** day?

A. 1,440
B. 246
C. 234
D. 40
18. What number is three times less than 369?

A. 1107
B. 372
C. 366
D. 123

19. Which number sentence best represents the picture below?

A. \((3 + 2) \times 2\)
B. \(3 + 2 + 2\)
C. \((3 \times 2) + 2\)
D. \(3 + 3 + 2 + 2\)

20. A trucking company was hired to deliver new seats to the Windsor Park Stadium. The company hired 41 trucks to move the seats. If each truck can carry 1025 seats, how many seats will be delivered to the stadium?

A. 42025
B. 1107
C. 984
D. 25
21. I was born in 1971, my sister is 3 years older than I am. How old was she in 2015?

A. 41  
B. 44  
C. 47  
D. 48

22. On Wednesday Cal drove 68 miles, on Thursday he drove 167 miles, and on Saturday he drove another 73 miles. How many miles did he drive on the three days?

A. 167  
B. 308  
C. 398  
D. 1577

23. Jack is taller than Sue but shorter than Peter. In what order should they stand if they were placed according to height from the tallest to the shortest?

A. Peter, Jack, Sue  
B. Sue, Jack, Peter  
C. Jack, Sue, Peter  
D. Peter, Sue, Jack
FRACTIONS AND DECIMALS

24. \( \frac{3}{4} \) is the same as

A. \( \frac{23}{4} \)
B. \( \frac{12}{4} \)
C. \( \frac{11}{4} \)
D. \( \frac{5}{4} \)

25. Which of the following fractions is the same as \( \frac{1}{3} \)?

A. \( \frac{2}{9} \)
B. \( \frac{3}{6} \)
C. \( \frac{4}{12} \)
D. \( \frac{3}{8} \)

26. Jenny had 3 green balls and 2 white balls. What fraction of the balls are green?

A. \( \frac{3}{2} \)
B. \( \frac{3}{5} \)
C. \( \frac{5}{3} \)
D. \( \frac{2}{3} \)
27. Which circle has the same fraction shaded as the rectangle shown below?

![Diagram of a rectangle divided into 16 equal parts, with 4 parts shaded]

A.  
B.  
C.  
D.  

28. Which decimal represents 2 hundredths?

A. 200  
B. 2.00  
C. 0.200  
D. 0.02  

29. Which decimal below has a value closest to 1?

A. 0.6  
B. 0.3  
C. 0.2  
D. 0.001
GEOMETRY

30. The angle below is an example of a/ an ...................... angle.

A. acute
B. obtuse
C. scalene
D. reflex

31. The shape below is an example of a

A. hexagon
B. pentagon
C. heptagon
D. octagon
32. How many **right angled** triangles can be seen in this figure?

A. 14
B. 12
C. 8
D. 4

33. A solid is formed by placing three cubes exactly one on top the other so that all the sides and edges of one cube are in line with the other. The new solid formed is a .................

A. cube
B. cuboid
C. cone
D. cylinder
34. Pyramids can be named by the shape of their

A. sides
B. bases
C. vertices
D. polygon

35. The diagram shown below is the net of a

A. prism
B. cylinder
C. sphere
D. cone
MEASUREMENT

36. Janice is 155 cm tall. This means that she is
   A. 1 m 55 mm
   B. 1 m 55 cm
   C. 15m 5 cm
   D. 1 km 55m

37. The length of the paper clip shown below is

![Image of a paper clip]

   A. 4 cm
   B. 4.5 cm
   C. 8.5 cm
   D. 15 cm

38. The area of a square with one side measuring 8 cm is

   A. 64 cm²
   B. 32 cm²
   C. 20 cm²
   D. 16 cm²
39. In the diagram below each square represents 1 cm. The area of the irregular shape shown below is about

A. 30 cm$^2$
B. 45 cm$^2$
C. 50 cm$^2$
D. 100 cm$^2$

40. A farmer had a plot of rectangular land which was 70 m long and 80 m wide. He planted dasheen on $\frac{1}{4}$ of the land, and the rest with vegetables. What area of the land was planted with vegetables?

A. 1400 m$^2$
B. 2800 m$^2$
C. 4200 m$^2$
D. 5600 m$^2$
41. A bottle holds 1 litre of water when full. How many cups of water can this bottle fill, if each cup holds 50 ml of water?

A. 2  
B. 20  
C. 50  
D. 1000

42. Which one of the following would have a mass of about 8 kg?

A  
B  
C  
D
43. Karen buys 750 g of rice. How many kg of rice is this?

A. 750 kg  
B. 75 kg  
C. 7.5 kg  
D. 0.75 kg

Use the price below to answer Questions 44 and 45.

<table>
<thead>
<tr>
<th>PRICE LIST</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Books</td>
<td>$1.25</td>
</tr>
<tr>
<td>Pencils</td>
<td>$0.75</td>
</tr>
<tr>
<td>Erasers</td>
<td>$0.50</td>
</tr>
</tbody>
</table>

44. Using the price list above, what would be the cost of two books and two pencils?

A. $5.00  
B. $4.00  
C. $3.00  
D. $2.00
45. If the items were bought with a $10.00 bill, how much change would be given?
   A. $8.00
   B. $7.00
   C. $6.00
   D. $5.00

46. John bought 10 apples at 80¢ each. He then sold them at $1.20 each. How much profit did he make?

   A. $4.00
   B. $8.00
   C. $10.00
   D. $12.00

47. James earned $4.50 an hour doing chores. He worked 5 hours daily for 4 days. How much money did he earn in all?

   A. $270.00
   B. $90.00
   C. $22.50
   D. $18.20
48. The time shown on the clock below is

![Clock Image]

A. 5 minutes past 7
B. 25 minutes to 5
C. 7 minutes to 5
D. 25 minutes past 7

49. Tom left home at 7:55 am and reached school 20 minutes later. At what time did Tom arrive at school?

A. 7:35 am
B. 7:15 am
C. 8:15 am
D. 8:35 am
50. Grade 6 wants publish to class magazine printed by December 14th. It takes 4 weeks to write and 2 weeks to print. When should the writing begin for the latest?

A. 1st to 2nd week of October
B. Last week of October to 1st week of November
C. Last week of November to 1st week of December
D. 2nd to 3rd week of October

STATISTICS

Al recorded the number of vehicles which drove through his village in one day. Study the chart below to answer questions 51 – 53.

<table>
<thead>
<tr>
<th>Vehicle Model</th>
<th>Honda</th>
<th>Mitsubishi</th>
<th>Hyundai</th>
<th>Isuzu</th>
<th>Daihatsu</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Vehicles Spotted</td>
<td>5</td>
<td>10</td>
<td>15</td>
<td>2</td>
<td>9</td>
</tr>
</tbody>
</table>

51. How many Hondas passed through on that day?

A. 5
B. 6
C. 9
D. 11
52. How many vehicles passed on Al’s street that day?

   A. 5
   B. 6
   C. 65
   D. 67

53. Al realized that at the end of the day he had counted 80 vehicles. How many vehicles were not included in the bar graph?

   A. 13
   B. 15
   C. 75
   D. 80
The chart below refers to questions 54 - 56

Jenna wanted to know the shoe sizes of students in her class. She got the following results and recorded them as shown below.

<table>
<thead>
<tr>
<th>SHOE SIZE</th>
<th>NUMBER OF STUDENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td></td>
</tr>
</tbody>
</table>

54. The data above is represented on a
   A. Pie chart
   B. Bar chart
   C. Tally chart
   D. Pictograph

55. How many students wore size 6 shoes?
   A. 11
   B. 6
   C. 5
   D. 2
56. How many students are in Jenna’s class?

A. 17  
B. 20  
C. 21  
D. 30

**PATTERNS, FUNCTIONS AND ALGEBRA**

57. \( X \) stands for the number of stamps Joe had. He gave 10 stamps to his sister. Which expression tells how many stamps Joe has now?

A. \( X + 10 \)  
B. \( 10 \div X \)  
C. \( 10 - X \)  
D. \( X - 10 \)

58. James started the pattern shown below

1, 3, 9, 27, ___, ___

If the pattern continues, what should be the 6th number?

A. 243  
B. 108  
C. 81  
D. 54
59. If  [Diagram] + 12 = 22 and,  [Diagram] +  [Diagram] = 22

What are the values of  [Diagram] and  [Diagram] respectively?

A. 10 and 12
B. 10 and 11
C. 11 and 11
D. 12 and 10

60. If A = 4 and B = 5, what is the value of; 6 x B - 3 x A

A. 18
B. 22
C. 48
D. 108

END OF EXAMINATION
Grade 6
National Assessment
June 15, 2018

TIME: 75 Minutes

DO NOT TAKE THIS PAPER OUT OF THE EXAMINATION ROOM
INSTRUCTIONS

READ THE FOLLOWING INSTRUCTIONS BEFORE ATTEMPTING THE TEST.

1. THIS PAPER CONTAINS 50 QUESTIONS.

2. FOR EACH QUESTION, CIRCLE THE LETTER ON THE ANSWER SHEET THAT MATCHES THE ANSWER YOU HAVE CHOSEN.

3. USE A PENCIL TO SHADE IN THE CORRECT ANSWER.

EXAMPLE:

1. Which object is most likely to float in a container of water?

   A. leaf
   B. key
   C. pen
   D. coin

   The correct answer is leaf, letter A. on your answer sheet you mark:

   A.   B.   C.   D.

   If you need to change your answer, erase it and circle your new answer.

4. If you cannot answer a question leave it and move on to the next one. You will come back to it later if you have more time.

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LIFE PROCESSES

1. Which of these animals mostly uses its canine to eat?

   A. Cow
   B. Sheep
   C. Tiger
   D. Horse

2. Which group below is made up of reptiles only?

   A. Lizard, frog, snake
   B. Salamander, frog, worm
   C. Snake, lizard, turtle
   D. Seal, shark, whale

3. Which part of the plant is responsible for releasing oxygen into the atmosphere?

   A. Fruits
   B. Roots
   C. Stem
   D. Leaf
4. Use the diagram below to answer the following question.

Based on the diagram above, the carpel represents part of the

A. female organs  
B. male organs  
C. stalk  
D. stem

5. In the diagram below, which part allows water to enter the seed for germination to occur?

A. testa  
B. micropyle  
C. plumule  
D. radicle
Study the table below and answer the question that follow.

<table>
<thead>
<tr>
<th>VITAMIN</th>
<th>FUNCTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Prevent night blindness</td>
</tr>
<tr>
<td>B</td>
<td>Helps with growth</td>
</tr>
<tr>
<td>C</td>
<td>Helps to resist diseases</td>
</tr>
<tr>
<td>D</td>
<td>Helps form strong bones</td>
</tr>
</tbody>
</table>

6. Which vitamin would be best for an athlete who is training?
   A. A  
   B. B  
   C. C  
   D. D  

7. Which of the following is a good source a vitamin C?
   A. avocado pear  
   B. lemon  
   C. soursop  
   D. banana
8. Which of the following systems is responsible for changing substances found in foods into nutrients?

A. circulatory
B. respiratory
C. digestive
D. reproductive

9. The spinal cord is protected by the
A. skull
B. ribs
C. pelvis
D. backbone

Study the diagram below to answer the question.

![Diagram of respiratory system]

10. During exhalation the ribs move

A. downwards and inwards
B. sideways and downwards
C. upwards and downwards
D. upwards and outwards
11. The seed shown below is mostly likely dispersed by

A. man
B. animals
C. wind
D. water

Study the diagram below to answer questions 12 - 13.
12. In the food chain above, the rat can be considered to be a

A. primary producer
B. secondary producer
C. primary consumer
D. secondary consumer

13. A farmer introduced a mongoose to get rid of snakes on his farm. Soon there were no snakes but there was a major increase in the rat population. Which reason best explains the increase?

A. The rats and mongoose are family
B. The rats had no predators
C. The snakes ate the mongoose
D. The rats ate the corn

14. Study the diagram below to answer the question that follows.

![Diagram of teeth]

The diagram of the teeth above most likely belongs to an animal, which eats mainly

A. plants
B. flesh/ meat
C. decayed organisms
D. both flesh and plants
15. Study the diagram and answer the question that follows

- 1. Camel has long legs to keep the body away from hot sand.
- 2. It stores food as fat in its hump.
- 3. It can store water in its body.

The descriptions above explain how the camel has

A. reproduced
B. adapted
C. respired
D. moved

**EARTH AND SPACE**

16. Which planet is closest to the sun?

A. Neptune
B. Venus
C. Earth
D. Mercury
17. The moon does not produce light, and yet it shines at night. This is because the moon

A. reflects light from the sun.
B. rotates at a very high speed.
C. is covered with a thin layer of ice.
D. has many craters.

18. The study of the weather is referred to as

A. sociology
B. meteorology
C. hydrology
D. astronomy

Use the diagram below to answer the Questions 19 – 20
19. In the cycle shown above, the main source of energy is/are the

A. water  
B. Trees  
C. sun  
D. clouds

20. The two processes that produce water vapour are

A. precipitation and transpiration  
B. percolation and precipitation  
C. condensation and precipitation  
D. evaporation and transpiration

21. The instrument shown below, is used to measure a specific atmospheric condition. What is the name of the instrument used?

A. barometer  
B. wind vane  
C. thermometer  
D. anemometer
22. Which of these is used to make plastic?

A. bauxite  
B. ore  
C. trees  
D. petroleum

23. One of these will not make polluted water potable/drinkable.

A. chlorination  
B. straining  
C. filtration  
D. boiling

24. A sheet of plastic is usually laid across the foundation when building the flooring of a concrete house. The reason for this is to

A. use less cement so cost will be less  
B. keep the building cool throughout the day  
C. prevent water from seeping up the walls  
D. make the building stronger to withstand hurricanes
25. Protecting our resources so future generations can access and use them is known as

A. forestation
B. conservation
C. regeneration
D. pollution

PHYSICAL SCIENCE

26. Which one of the following statements about energy is not correct?

A. Energy is used by plants to make food.
B. Energy enables us to do work.
C. Energy keeps us warm.
D. Energy has mass and occupies space.

27. Which of these would you use to measure the temperature of water?

A. gauge
B. voltmeter
C. thermometer
D. ammeter
28. A glass of iced water left on a table, was observed for a few minutes. After a minute water droplets appeared on the outside of the glass as shown below.

![Image of water droplets on glass]

We can conclude that the formation of water droplets on the glass’ surface involves a change in _________ energy.

A. heat  
B. light  
C. electrical  
D. movement

29. Which one of the following is the source of energy in the given situation?

**SITUATION: A boy listening to music from a battery operated radio**

![Image of boy listening to radio]

A. heat  
B. battery  
C. sound  
D. radio
30. To make a wall reflect as much light as possible, you should paint it

A. white
B. black
C. blue
D. red

31. In the circuit diagram below, which option is best if only Bulb A lights up?

![Circuit Diagram]

<table>
<thead>
<tr>
<th>Switch W</th>
<th>Switch X</th>
<th>Switch Y</th>
<th>Switch Z</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Closed</td>
<td>Open</td>
<td>Open</td>
</tr>
<tr>
<td>2.</td>
<td>Open</td>
<td>Closed</td>
<td>Closed</td>
</tr>
<tr>
<td>3.</td>
<td>Closed</td>
<td>Open</td>
<td>Closed</td>
</tr>
<tr>
<td>4.</td>
<td>Open</td>
<td>Closed</td>
<td>Open</td>
</tr>
</tbody>
</table>

A. 1
B. 2
C. 3
D. 4
32. A force can be described as

A. a push or pull
B. a gravitational pull
C. the strength of a person
D. an energy source

33. Which one of the following is not an effect of a force?

A. a dented ping-pong ball
B. a wind sock fluttering in the wind
C. a fruit falling from the tree
D. a bar of chocolate melting under the Sun

34. The picture below shows a man using a simple machine to lift a load.

![Diagram of a man using a simple machine to lift a load.]

What happens if a similar but shorter machine is used to lift the same load?

A. The direction of the force can no longer be changed.
B. The man has to apply a greater force to lift the load.
C. The man can lift the load easier with the shorter machine.
D. The man can lift the load with the same amount of effort.
35. The following items, W, X, Y and Z, are placed on the balance as shown below.

They are arranged based on their mass. Which of the following shows correctly the arrangement of the mass starting from the lightest?

A. W, X, Y, Z  
B. Y, X, Z, W  
C. X, W, Y, Z  
D. Z, Y, W, X

36. Anything that takes up space is known as

A. air  
B. matter  
C. solids  
D. liquids

37. Which of the following is NOT soluble?

A. flour  
B. chlorine  
C. salt  
D. sugar
38. The diagram below shows the direct change of state from a solid to a gas. This process is known as

A. evaporation  
B. condensation  
C. melting  
D. sublimation

39. Four (4) equally wet towels of similar sizes were hung on the same day for the same length of time in the respective conditions as shown below.

<table>
<thead>
<tr>
<th>Towels</th>
<th>Conditions</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>In a shady place</td>
</tr>
<tr>
<td>B</td>
<td>In a sunny place</td>
</tr>
<tr>
<td>C</td>
<td>In a shady and windy place</td>
</tr>
<tr>
<td>D</td>
<td>In a sunny and windy place</td>
</tr>
</tbody>
</table>

Which one of the following is correctly arranged in the order of time taken for the towels to dry, beginning with the quickest?

A. A, B, C, D  
B. D, B, C, A  
C. D, A, C, B  
D. B, D, C, A
40. Two containers holding the same amount of water with different temperatures were set up as shown above.

What will happen IMMEDIATELY after the paper is removed?

A. The water in the top container will get cooler.
B. The water in the bottom container will get warmer.
C. The temperatures in both containers will become the same.
D. The temperatures in the containers will not change.

**AGRICULTURAL PRACTICES**

41. Which soil type holds the **MOST** water?

A. sand
B. gravel
C. clay
D. loam
42. Which of the following is most helpful to a farmer?

A. earthworm  
B. slug  
C. beetle  
D. caterpillar

43. What would happen if we continue to cut down our forests?

A. More animals will appear since there’s more space to roam around.  
B. There would be less pollution in the forests; less leaves falling.  
C. There would be more carbon dioxide and less oxygen in the air.  
D. There would be more rivers since there are fewer trees to use the water.

44. Black Sigatoka and Crown Rot are diseases usually associated with the

A. banana plant  
B. dasheen plant  
C. carrot plant  
D. potato plant

45. Which of these would compete with a farmer’s crops for important nutrients?

A. rodents  
B. birds  
C. pests  
D. grass

46. Which of these farm animals is NOT a herbivore?

A. goat  
B. pig  
C. cow  
D. rabbit
47. Which is the BEST WAY to start growing carrots for your school garden?

A. Plant baby carrots and water them daily.
B. Use a seed box to germinate the seeds
C. Dig a 6-inch hole and throw all the seeds into it.
D. Place the seeds in shallow holes in the ground.

48. Legumes are usually planted when a farmer is practicing crop rotation because they

A. are easier to harvest.
B. do not require water.
C. introduce nutrients into the soil
D. remove parasites from the soil

49. The meat obtained from an adult sheep is called

A. mutton
B. beef
C. pork
D. ham

50. Trawling is a method of

A. catching fish
B. slaughtering animals
C. skinning animals
D. collecting water
Grade 6 National Assessment
June 14, 2018

TIME: 75 Minutes

DO NOT TAKE THIS PAPER OUT OF THE EXAMINATION ROOM
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SOCIAL STUDIES
1¾ HOURS
INSTRUCTIONS

READ THE FOLLOWING INSTRUCTIONS BEFORE ATTEMPTING THE TEST.

1. THIS PAPER CONTAINS 50 QUESTIONS.

2. FOR EACH QUESTION, CIRCLE THE LETTER ON THE ANSWER SHEET THAT MATCHES THE ANSWER YOU HAVE CHOSEN.

3. USE A PENCIL TO SHADE IN THE CORRECT ANSWER.

EXAMPLE:

1. Which of these is a primary product?

   A. soap
   B. pasta
   C. banana
   D. fertiliser

   The correct answer is banana, letter C. On your answer sheet you mark:

   A.          B.          C.          D.

   If you need to change your answer, erase it and circle your new answer.

4. If you cannot answer a question leave it and move on to the next one. You will come back to it later if you have more time.

DO NOT TAKE THIS PAPER OUT OF THE EXAMINATION ROOM
1. Based on the map above, one village found in the North East of the island is

A. Marigot
B. Dublanc
C. Castle Bruce
D. Salisbury

2. Using the map above, to travel from Rosalie to Bataka one must travel

A. West
B. North East
C. North
D. South East
Use the diagram to answer Questions 3 – 4.

3. The diagram shows the location of different rain forests of the world. These regions are usually categorized as
   A. hot and dry
   B. hot and wet
   C. cold and wet
   D. cold and dry

4. These rainforests are usually found in the
   A. Frigid Zone
   B. Temperate Zone
   C. Tropical Zone
   D. Climatic Zone
Study the diagram below and answer Questions 5 and 6

5. The part labelled Y is called the
   A. Mantle
   B. Outer Core
   C. Inner Core
   D. Crust

6. Earthquakes, usually occur during the movements of plates found in which layer of the Earth?
   A. W
   B. X
   C. Y
   D. Z
7. The diagram shown below illustrates the presence of a

![Diagram of Sun, Earth, and Moon's Orbit]

A. Sun burst
B. Solar Eclipse
C. Lunar Eclipse
D. New Moon

Study the picture below to answer questions 8 and 9

![Image of sailing ships]

8. The people who were transported in similar vessels, to work in the Caribbean, from the 19th to 20th century were known as

A. Slaves
B. Amerindians
C. Indentured servants
D. Volunteers
9. These people originally came from
   A. America
   B. Africa
   C. Europe
   D. Asia

Study the picture and answer the Question 10

10. Descendants of this ethnic group are found in Dominica, in an area called the Kalinago Territory. Which of these hamlets does NOT form part of this territory?
   A. Atkinson
   B. Bataca
   C. Salybia
   D. Sineku
CIVIC IDEALS AND PRACTICES

Study the diagram below and answer Question 11

![Dominica Coat of Arms]

11. One of the following is NOT represented on the shield of Dominica's Coat of Arms. Which is it?

   A. strong agricultural base  
   B. climate and weather  
   C. rich soil  
   D. day of discovery

12. Read the following verse and answer the question that follows.

   Dominica, God hath blest thee  
   With a clime benign and bright,  
   Pastures green and flowers of beauty  
   Filling all with pure delight,  
   And a people strong and healthy,  
   Full of godly, rev'rent fear.  
   May we ever seek to praise Thee  
   For these gifts so rich and rare.

   In this verse, focus is placed on the

   A. natural and human resources  
   B. cooperation of all citizens  
   C. island's beauty  
   D. island's independence
13. Which person listed below is well known for the promotion and preservation of Dominica's history.

A. Ophelia Marie  
B. Felix Henderson  
C. Pearl Christian  
D. Lennox Honychurch

14. Study the diagram below to answer the question that follow

![Image of a band](image.jpg)

The picture above shows a band that usually accompanies the following types of dances **EXCEPT**

A. Heel and Toe  
B. Quadrille  
C. Bélè  
D. Flirtation

15. Which one of the following villages; was named by our Amerindian ancestors?

A. Roseau  
B. Layou  
C. Portsmouth  
D. Massacre
Use the illustration of the flag below to answer Questions 16 - 17

16. The flag above is a representation of a national symbol of

A. Antigua and Barbuda  
B. Trinidad and Tobago  
C. St. Vincent and the Grenadines  
D. St. Kitts and Nevis

17. The main export of this island is

A. citrus  
B. spices  
C. coconuts  
D. petroleum

18. Which of these is the Minister for Youth, Sports, and Constituency Empowerment?

A. Hon. Justina Charles  
B. Hon. Dr. John Colin Mc Intyre  
C. Hon. Cassius Darroux  
D. Hon. Catherine Daniel
19. As students, it is our responsibility to
   A. support the opposition party of a country
   B. carry mobile phones in our bags
   C. attend school on a daily basis
   D. become police officers or doctors

20. Which of the pictures below represents the idea of Universal Adult Suffrage?

A  

B

C  

D

21. According to the constitution, elections in Dominica should take place at most every
   A. four years
   B. five years
   C. four and a half years
   D. five and a half years

22. The day when someone formally shows their intention to contest an election for a constituency is called
   A. Parliament Day
   B. Polling Day
   C. Election Day
   D. Nomination Day
23. Which of these islands are members of both the OECS and the CARICOM?

A. St. Lucia and St. Vincent  
B. St. Kitts and Barbados  
C. Antigua and Jamaica  
D. Trinidad and Dominica

24. What does the abbreviation N.C.C.U mean?

A. Northern Caribbean Cooperate Union  
B. National Catholic Churches Union  
C. National Cooperative Credit Union  
D. Non-Caribbean Cooperative Union

25. **D.A.R.E** is an international organization. What is the main function of **D.A.R.E**?

A. To make sure children remain in schools.  
B. To help political parties get into power  
C. To encourage the youth to dare each other  
D. To help people stay drug and violence free.

26. **Study the illustration to answer the question below.**
Discussions such as the one above, is **USUALLY** encouraged when the leader of the group is

A. autocratic  
B. democratic  
C. authoritative  
D. communist

27. Which of the following is not a social group?

A. 4-H  
B. Rotaract  
C. PAHO  
D. Lion's Club

28. The organization recognized as the bargaining body for civil servants in relation to working conditions, salaries and other concerns is

A. Dominica Association of Teachers (D.A.T)  
B. Dominica Public Service Union (D.P.S.U)  
C. Waterfront Allied Workers Union (W.A.W.U)  
D. Dominica Social Security (D.S.S)

**RESOURCES**

29. Which of the following is considered a **renewable** resource?

A. water  
B. bauxite  
C. petroleum  
D. diamond
30. Study the picture below to answer the question

To which country would someone need to travel to find an example of the stalagmites and stalactites shown above?

A. Dominica  
B. Antigua  
C. Barbuda  
D. Barbados

Use the picture below to answer the Questions 31 – 32.

31. The picture above shows an example of

A. Ozone layer pollution  
B. Water pollution  
C. Air pollution  
D. Land pollution
32. The organisms that would be directly affected by the above illustration would be

A. algae
B. man
C. birds
D. All of the above

33. Which of the following practices may **NOT** contribute towards the conservation of forests?

A. setting up reserves
B. deforestation
C. afforestation
D. tagging of trees

34. A forest is located near a farm. Which is the **LEAST** possible reason why the farmer would consider the forest as a resource?

A. It acts as a wind breaker
B. It is a habitat for many animals
C. It doesn't require much care
D. It can be used to conserve soil
35. Which one of the following signs **DOES NOT** relate to conservation of natural resources?

A.  
B.  
C.  
D.  

36. Study the section of the map of Dominica shown below to answer the question that follows.

The areas labelled I, II and III are **ALL** identified as

A. housing relocation areas  
B. Kalinago territories  
C. forest reserves  
D. quarries
37. Which of the following is **NOT** needed as **capital** to start a manufacturing business?

A. machinery  
B. money  
C. raw materials  
D. customers  

38. Nurses and firefighters are employed in which industry?

A. service industry  
B. secondary industry  
C. helping industry  
D. primary industry  

39. Which of the following would benefit **MOST** from the tourism industry in Dominica?

A. teacher  
B. bank teller  
C. farmer  
D. taxi operator  

40. Mrs. Black is **NOT** a civil servant. What could be her job?

A. a teacher at the Thibaud Primary School  
B. an agent at First Domestic Insurance  
C. a nurse at the Princess Margaret Hospital  
D. a librarian at the public library  

**SOCIAL ISSUES AND CHANGE**

41. One way in which the internet has **IMPROVED** the lives of people is that it

A. allows for communication in real time (immediately)  
B. increases the desire to compare and compete with each other  
C. can be a distraction from what is important  
D. helps us mind each other’s personal affairs
42. In the last decade, most people send emails instead of writing letters to each other. What type of change is this?

A. economical
B. spelling
C. technological
D. political

43. Each of these is considered basic needs for survival EXCEPT

A. shelter
B. clothing
C. cellular phones
D. food

44. Which of the following has contributed MOST to positive social change among women in society?

A. increased access to education
B. more committed husbands
C. more pregnancies
D. availability of weaves and wigs
45. The illustration above **BEST** explains why people

A. elope
B. migrate
C. help each other
D. become addicts

46. One **MAJOR ADVANTAGE** of the above is

A. an increase in the number of divorces
B. that there are more marriages
C. cost of living
D. an increase in diverse cultures

47. Which of the following statements is **FALSE**?

A. Some drugs are abused.
B. Some drugs are legal.
C. Drugs affect everyone the same way.
D. Drugs affect the way the body works.
48. Which is the best way to help solve the problem of crime and violence among our youth at school?

A. arrest them before any activity
B. teach them skills
C. make sure that they go to school
D. teach them about morals and values

Study the picture to answer the questions 49 and 50

![Image of a homeless person]

49. What social problem is best described in the picture shown above?

A. homelessness
B. drug abuse
C. violence
D. burglary

50. All of these factors may cause the issue identified above, EXCEPT

A. domestic violence
B. malnutrition
C. Drug abuse
D. Teenage pregnancy