ExSAT
EXCEL SCHOLARSHIP ADMISSION TEST

SAMPLE

Time Alloted : 2 hours   ***Total Marks : 100***

Instructions

The scholarship test will be 2 hours in duration and will be 100 marks in total.

The test consists of multiple-choice questions only .

All questions must be answered on the provided answer sheet.

You are not allowed to use any electronic devices during the test.

You will not be allowed to leave the test room until the end of the test.

Any form of cheating will result in disqualification from the scholarship.

You will be notified of your test results within a week after the test.

If you have any questions or concerns, please ask the invigilator before the test.

Read all instructions and questions carefully before answering

Do not spend too much time on a single question. Attempt all questions to the best of your ability

You will be required to submit your answer sheet before leaving the test room.
Do not forget to fill in your personal details on the answer sheet.

The scholarship test is a competitive process and only a limited number of scholarships will be awarded.

Name : _____

Class : _____ 7th _____   School : _____

Education Board : _____ Contact : _____

Signature of Invigilator

Excel Institute

EXSAT 7TH
Class 07 - Admission Test

Time Allowed: 1 hour and 30 minutes   **Maximum Marks:** 100

1. **From the given adjectives pick the odd one out:**

    i. Excited

    ii. Depressed

    iii. Disappointed

    iv. Dejected

    a) option (iii)   b) option (iv)

    c) option (i)   d) option (ii)

2. Choose the appropriate helping verb:

    America _____ discovered by Christopher Columbus in 1492.

    a) was   b) has

    c) were   d) is

3. Choose the appropriate article:

    For our dinner, we went to _____ restaurant.

    a) a   b) an

    c) no article required   d) the

4. Choose the correct verb:

    She's in the hospital with a head injury. She _____ wear her helmet!

    a) could be   b) would have been

    c) didn't   d) must have been

5. Write the following as decimals: "Thirty and one-tenth".

    a) 30.1   b) 3

    c) 30.01   d) 30

6. The formula for finding the area of a rectangle is:

    a) length $\times$ breadth   b) length - breadth

    c) length + breadth   d) $\dfrac{length}{breadth}$

7. If a : b = 3 : 4 , then (6a + b) : (4a + 5b) is

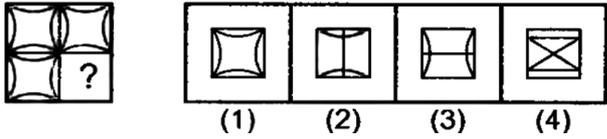   a) 3 : 5   b) 7 : 9

    c) None of these   d) 1 : 2

8. In the following figure, the missing angle of the triangle is:

a) 60⁰   b) 25⁰

c) 30⁰   d) 20⁰

9. A number is divisible by 5 and 6. It may not be divisible by

    a) 30   b) 10

    c) 60   d) 15

10. The sum of two numbers is 250. If one of them is 75.20, the other number is _____.

    a) 125.15   b) 164.85

    c) 275.10   d) 174.8

11. The ratio of two numbers is 3 : 5. If their L.C.M. is 240, then find the sum of the numbers.

    a) 132   b) 128

    c) 64   d) 212

12. Which of the following flower plant is unisexual?

    a) Guava   b) Orange

    c) Mango   d) Papaya

13. The jelly-like substance-between cell membrane and nucleus is

    a) cell wall   b) cytoplasm

    c) plasma membrane   d) cell membrane

14. The nutrients that protect our body includes

    a) Carbohydrates and fats   b) Protein and carbohydrates

    c) Vitamins and minerals   d) Roughage and vitamins

15. The percentage of carbon dioxide in the air is _____.

    a) 20-40 %   b) 0.02-0.04 %

    c) 2-4 %   d) 0.04 %

16. Which one of the following is a bad conductor of electricity?

    a) Salty water   b) Distilled water

    c) Tap water   d) Drinking water

17. The visibility becomes partial on a foggy day as the

    a) Fog makes air opaque   b) Fog contain water vapour

    c) Fog forms a visible layer   d) Fog makes air translucent

18. Tape recorder uses

    a) Magnetic rubber   b) Permanent tap

c) Transparent tap   d) Magnetic tape

19. Find the missing figure.

a) Figure (4)   b) Figure (3)

c) Figure (1)   d) Figure (2)

20. Find the missing character, if same rule is followed in all the three figures.
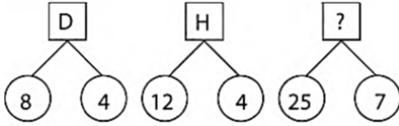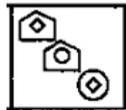

a) P   b) Q
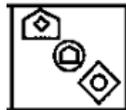
c) S   d) R

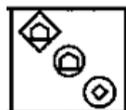21. Select the figure that shows the similar relationship.
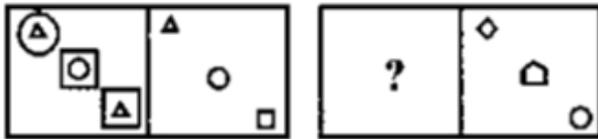
a)

b)

c)

d)

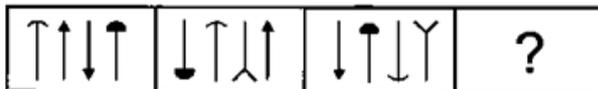22. Pointing to a photograph, Veena tells Karan, "I am the only daughter of this lady and her son is your maternal uncle." How is the speaker related to Karan's father?

a) Either Sister-in-law or Daughter   b) None of these

c) Daughter   d) Sister-in-law

23. Select the figure that shows the similar relationship.

a)

b)

c)

d)

24. A mountaineer starts from Camp A and proceeds East to Camp B which is 4 km away. From Camp B he proceeds to Camp C, 5 km to the South. From there, he returns and proceeds 12 km to Camp **D** via Camps B and A. How far is he away from Camp A?

   a) 3 km   b) 5 km
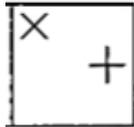
   c) 6 km   d) 12 km

25. Select the figure that completes the series.

a)

b)

c)

d)
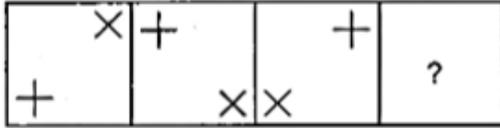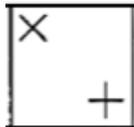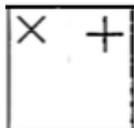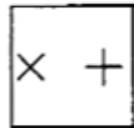
1.

(c) option (i)
Explanation:
Excited

2. **(a)** was
Explanation:
was

3. **(a)** a
Explanation:
a

4.

(c) didn't
Explanation:
didn't

5. **(a)** 30.1
Explanation:
Thirty and one-tenth is written in decimal form as 30.1.

6. **(a)** length $\times$ breadth
Explanation:
The area is measure of the extent of a surface and it is measured in square units
If a rectangular figure is given having length = l and breadth = b
Then the area of that figure is l $\times$ b

7.

(c) None of these
Explanation:

Now, $\dfrac{6a+b}{4a+5b} = \dfrac{6\left(\frac{a}{b}\right)+1}{4\left(\frac{a}{b}\right)+5}$

$= \dfrac{6\times\frac{3}{4}+1}{4\times\frac{3}{4}+5} = \dfrac{11}{16}$

8.

(b) 25⁰
Explanation:

Missing angle of the triangle = 180⁰ - (127⁰ + 28⁰) = 180⁰ - 155⁰ = 25

9.

(c) 60
Explanation:
The LCM of 5 and 6 is 30
And 30 is divisible by 10, 15 and 30 but not by 60.

10.

(d) 174.8
Explanation:

174.8

11.

(b) 128
Explanation:
128

12.

(d) Papaya
Explanation:
Those flowers that contain either male or female reproductive part are called unisexual flower. Papaya is a unisexual plant. Unisexual plants contain either stamens or carpels.

13.

(b) cytoplasm
Explanation:
cytoplasm

14.

(c) Vitamins and minerals
Explanation:
Vitamins and minerals are protective food that protects us from disease.

15.

(d) 0.04 %
Explanation:
The percentage of carbon dioxide gas in the earth's atmosphere is 0.04 %. Other gases that are present in the atmosphere like Nitrogen, Oxygen, Argon, etc together make 99% in the earth's atmosphere. Nitrogen gas alone makes 78% in the earth's atmosphere.

16.

(b) Distilled water
Explanation:
Distilled water is bad conductor of electricity due to absence of any salts or ions in it.

17.

(d) Fog makes air translucent
Explanation:
The visibility becomes partial on a foggy day as the fog makes air translucent. Fog consists of water droplets in the atmosphere. The air becomes thick which makes it translucent.

18.

(d) Magnetic tape
Explanation:
Magnetic tape is a medium for magnetic recording. It was first developed in Germany.

19.

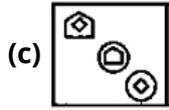**(c)** Figure (1)
Explanation:
Figure (1)

20.

(d) R

Explanation:

R

21.

(c)

Explanation:

From 2nd to 1 st figure, lower symbol moves one step upper side, gets enlarged and covers existing design.

Inside lowermost symbol change its shape as upper most design.

22.

(b) None of these

Explanation:

None of these

23. **(a)**

Explanation:

All the arrows get vertically inverted, the right most arrow moves to the left most side and all other arrows moves are space to the right, the heads of 2nd the 3rd positions inverted.
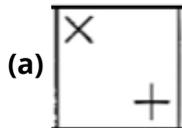
24. **(a)** 3 km

Explanation:

3 km

25. **(a)**

Explanation:

In each step, elements are moving from one corner to other in clockwise direction.