

GC INTERNATIONAL STEM OLYMPIAD - LEVEL ONE SAMPLE PAPER

Question 1

Which part of a plant keeps it from breaking or falling?



- A. The seeds
- B. The leaves
- C. The roots
- D. The flowers

Key: C

Question 2

Earthworms do not have legs. What is the best word to describe how they move?



- A. Skate
- B. Walk
- C. Wriggle
- D. Both A and C

Key: C

Question 3

How many tens are there in the sum of 560 and 420?

- A. 980
- B. 98
- C. 17
- D. 56

Key: B

Question 4

Name the computer part that helps a user to hear information from the system.

- | | |
|-------------|------------|
| A. Keyboard | B. Speaker |
| C. Mouse | D. Monitor |

Key: B

Question 5

Rhea walked 2 metres and Rosy walked 200 centimetres from their homes to reach their school. Who walked for a longer distance?

- | | |
|--------------------------------------|------------------|
| A. Rhea | B. Rosy |
| C. Both walked for the same distance | D. None of these |

Key: C

Question 6

Ava wants to buy a toy which has one edge and one vertex. What could be the shape of the toy?

- | | |
|---------|-------------|
| A. Cone | B. Cylinder |
| C. Cube | D. Cuboid |

Key: A

Question 7

Oliver wants to record a song which of these he can use?

- | | |
|------------|---------------|
| A. Speaker | B. Microphone |
| C. Printer | D. Joystick |

Key: B

Question 8

Computer is used for teaching various subjects in _____

- A. Hospitals
- B. Banks
- C. Schools
- D. None of these

Key: C

Question 9

Which of the following is a smart machine?



B.



D. None of these

Key: A

Question 10

I give space between the words. Find who am I among the following.

- A. Space bar key
- B. Delete key
- C. Number key
- D. None of these

Key: A

Question 11

I am the brain of computer. A computer is zero without me. Who am I?

- A. Monitor
- B. CPU
- C. Mouse
- D. Keyboard

Key: B

Question 12

We power on the computer by pressing this button.

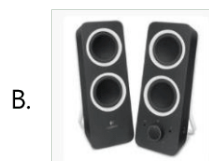


- A. TRUE
- B. FALSE
- C. Can't say
- D. None of these

Key: B

Question 13

Michael is working on his laptop and by mistake deleted a file but he needs that file. Where can he find that deleted file on a computer?



D. None of these

Key: A

Question 14

What does the Strong and woody stem of a tree is called?

- A. Climber
- B. Root
- C. Trunk
- D. Shrub

Key: C

Question 15

Identify the means of mass communication?

- A. Television
- B. Radio
- C. Both A&B
- D. Fax machine

Key: C

Question 16

Joy has 34 blue marbles, 47 yellow marbles and 25 green marbles. How many marbles does Joy have?

- A. 118
- B. 97
- C. 106
- D. None of these

Key: C

Question 17

Ana bought a candy for 24 cents and an ice-cream for 38 cents. She paid \$1. How much she gets back from the shopkeeper?

- A. 24 Cents
- B. 38 Cents
- C. \$26
- D. None of these

Key: B

Question 18

There were 56 bees in a hive. 15 bees entered and 39 left the hive. How many were the bees in the hive?

- A. 32
- B. 46
- C. 37
- D. 28

Key: A

Question 19

Laury has some shoes. She get 50 more, now Laury has 105 shoes. How many shoes did Laury start with?

- A. 55
- B. 62
- C. 41
- D. 39

Key: A

Question 20

Jill studied for a total of 3 hours on Saturday and Sunday in total. She studied for 30 mins on Saturday. How long did Jill study on Sunday?

- | | |
|-----------------------|-----------------------|
| A. 2 hours 30 minutes | B. 2 hours 15 minutes |
| C. 2 hours | D. 2 hours 45 minutes |

Key: A

Question 21

Rocky is 7 years old. Robin's age is three years more than double the age of Rocky. How old is Robin?
_____ years

Key: 17

Question 22

A store sold cherries in the afternoon twice as many as in the morning. Throughout the day were sold 360 kg. How many kilograms were sold in the afternoon?

- | | |
|-----------|------------------|
| A. 120 Kg | B. 480 Kg |
| C. 240 Kg | D. None of these |

Key: C

Question 23



Identify the creature shown in the picture.

- A. Jelly fish
- B. Shark
- C. Seal
- D. Manta ray

Key: D

Question 24



Mr. Dane studies the space on Earth. He is a/an _____

- A. Biologist
- B. Zoologist
- C. Geologist
- D. Astronomer

Key: D

Question 25



What would you put in a compost bin?

- A. Plastic milk container
- B. A soda can
- C. A pizza box
- D. None of these

Key: D

Question 26

Sophia wants to measure the length of a table at her work place. Which of the following provides an exact and standard measurement?

- A. Hands
- B. Tiles
- C. Paper clips
- D. Ruler

Key: D

Question 27

Which of the following items do you think weighs less?

- A. A Car
- B. Your fist size Rock
- C. A small Cotton Ball
- D. All weighs the same

Key: C

Question 28

If you see a plant starting to wilt, what could you try giving it?

- A. More darkness
- B. More worms
- C. More sunlight
- D. None of these

Key: C

Question 29

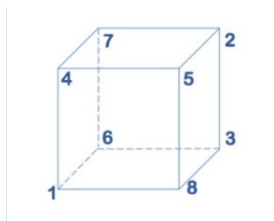
Stella is playing with a magnet. Which item will the magnet be attracted to?

- A. Iron nail
- B. Cloth towel
- C. Rubber band
- D. Plastic spoon

Key: A

Question 30

What is the sum of the four numbers on the top face of the given cube?



- A. 16
- B. 19
- C. 17
- D. 18

Key: D

Question 31

Observe the words in the given picture and find which word in the picture has more letters.



- A. PLEASE B. LEAVE
C. YOUR D. None of these

Key: D

Question 32

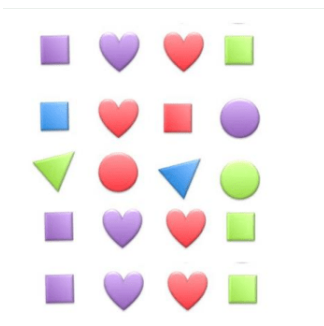
Which of the following has a solution of 12?

- A. $246 - 224$ B. $182 - 167$
C. $474 - 462$ D. Both B and C

Key: C

Question 33

There are no squares in?

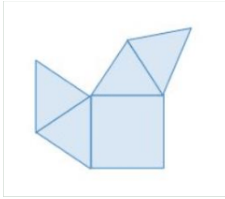


- A. 2nd line B. 4th line C. 5th line D. 3rd line

Key: D

Question 34

How many shapes are there in the given picture with zero edges?



- A. 4 B. 1 C. 0 D. 5

Key: C

Question 35

This is a _____ made up of _____.



- A. Triangle, squares B. Tower, circles
C. Pyramid, spheres D. Pyramid, cubes

Key: D

Question 36

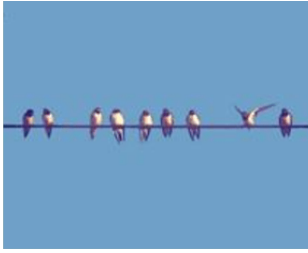
I have 138 stickers and I share them with two of my friends equally. How many stickers will we get each?

- A. 52 B. 46 C. 69 D. None of these

Key: B

Question 37

What would be the total number of birds if 7 more birds join the existing birds in the picture?



- A. 9 B. 2 C. 16 D. 14

Key: C

Question 38

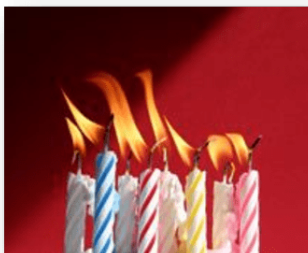
Mr. Smith is walking home from the railroad station. He can hardly see where he is going. This is because there is a thick ____.

- A. Rain B. Breeze
C. Sleet D. Fog

Key: D

Question 39

Mila went to buy some candles along with her sister. Her sister asked Mila, from which material the candles are made from. What would be Mila's answer?



- A. Plastic B. Wax
C. Rubber D. Water

Key: D

Question 40

A lot of food packages are generally in the shape of _____

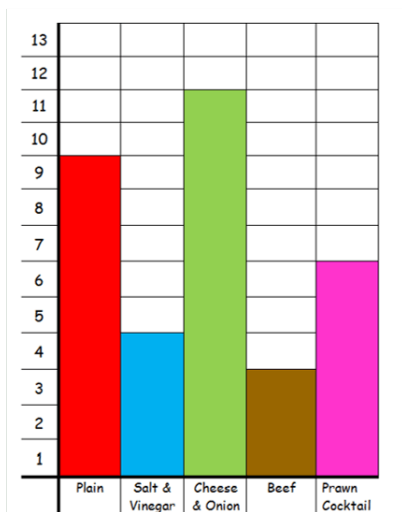


- A. spheres
- B. pyramids
- C. circles
- D. cuboids

Key: D

Question 41

Which are the two most popular crisp flavors?



- A. Salt & vinegar and plain
- B. Beef and Cheese & onion
- C. Salt & vinegar and small shrimp cocktail
- D. Cheese & onion and plain

Key: D

Question 42

I am a three-digit number. My second digit is four times bigger than the third digit. My first digit is three less than my second digit. Who am I?

Key: 141

Question 43

How would you set the timer for 15 minutes?



- A. Turn it all of the way round
- B. Turn it half of the way round clockwise
- C. Turn it a quarter of the way round clockwise
- D. Turn it quarter of the way round counterclockwise

Key: C

Question 44

What shape is the letterbox?



- | | |
|--------------|---------------|
| A. An oblong | B. A sphere |
| C. A square | D. A triangle |

Key: A

Question 45

Daniel wants to draw a free hand picture on his desktop paint app. Which of these would help Daniel in finishing his drawing?

- | | |
|----------------|---------------------|
| A. Magnifier | B. Fill with colour |
| C. Pencil tool | D. None of these |

Key: C

Question 46

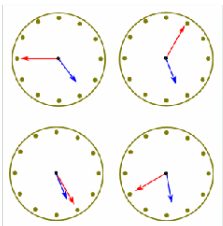
Which is not found in the Shark?

- A. Teeth
- B. Bones
- C. Eyes
- D. None of these

Key: B

Question 47

I notice four clocks on the wall.



Only one of them shows the correct time. One of them is 20 minutes ahead, another is 20 minutes late, and the other is stopped. What is the time at the moment?

- A. 04:45
- B. 05:05
- C. 05:25
- D. 05:40

Key: C

Question 48

Which of these does not have red blood?

- A. Cockroach
- B. Human
- C. Cat
- D. None of these

Key: A

Question 49

There is a big carton in Brett's classroom with many shapes in it. Brett wants to pick a shape with ten sides. What would Brett pick?

- A. Nonagon
- B. Heptagon
- C. Decagon
- D. Pentagon

Key: C

Question 50

What might happen if you fill a bottle to the very top with water, then put on the lid, and put it in the freezer overnight? Consider there is electricity supply to the fridge throughout the night.

- | | |
|----------------------|-----------------------|
| A. Nothing. boring. | B. It will turn blue! |
| C. It might crack!!! | D. Remains same |

Key: C

Question 51

Jones is growing many plants and herbs in his backyard. He wants some herbs from his backyard. Which of these is a herb?

- | | |
|---------------|------------|
| A. Watermelon | B. Pumpkin |
| C. Apple tree | D. Mint |

Key: D

Question 52

John has \$32. Mary has \$13 less than John. Mac has \$11 more than them both put together. How much money does Mac have?

\$_____

Key: 62

Question 53

Find the number/s between 90 and 100 that the tens digit is 4 greater than the ones digit.

- | | | | |
|-------|-------|-------|-------|
| A. 94 | B. 97 | C. 92 | D. 95 |
|-------|-------|-------|-------|

Key: D

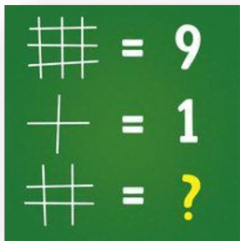
Question 54

Which of the following is NOT a property used by scientists to classify rocks?

- A. Smell
- B. Color
- C. Texture
- D. Hardness

Key: A

Question 55



- A. 2
- B. 4
- C. 8
- D. 10

Key: B

Question 56

Animals in the sea also have babies. A mother ____ is swimming with her ____.



- A. Dolphin, Calf
- B. Seal, Pup
- C. Whale, Pup
- D. None of these

Key: A

Question 57

Sometimes rain falls as round balls of ice. These are called _____.



- A. Icicles
- B. Snow flakes
- C. Hailstones
- D. Ice cubes

Key: C

Question 58

John has \$23. How many rides can he go on?

*Assume he goes on each ride only once and spent all the money he has.



Ride	Price
Roller Coaster	\$13
Tea Cup Ride	\$7
Car Dash	\$10
Swing Car	\$9

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

Key: B

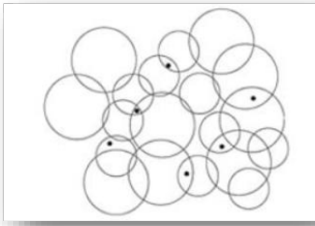
Question 59

If I just bought a scale that weighs up to 100 pounds, which animal would I not want to put on the scale so it doesn't break?

- A. Whale
- B. Penguin
- C. Cat
- D. All of these

Key: A

Question 60



How many circles contain a black dot?

Key: 12