



**TALENT & SKILLS
DEVELOPMENT**



2025 **STEAM** **EDUCATION**

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GRADE
3-4

Q.No.1: What do plants need to make their own food?

- (A) Soil, wind, water
- (B) Sunlight, water, air
- (C) Rocks, fire, air
- (D) Moonlight, soil, heat

Q.No.2: Which of the following is a source of light at night?

- (A) The moon
- (B) The sun
- (C) A tree
- (D) A mirror

Q.No.3: What is the main function of roots in a plant?

- (A) To make food
- (B) To absorb water and nutrients
- (C) To protect the plant from animals
- (D) To help in photosynthesis

Q.No.4: What are the three states of matter?

- (A) Hot, cold, warm
- (B) Solid, liquid, gas
- (C) Small, big, giant
- (D) Sun, moon, stars

Q.No.5: What happens when water is heated?

- (A) It freezes
- (B) It evaporates
- (C) It turns into ice
- (D) It becomes a solid

Q.No.6: Which part of the plant makes food?

- (A) Root
- (B) Stem
- (C) Leaves
- (D) Flower

Q.No.7: What happens when you mix red and blue paint?

- (A) You get green
- (B) You get purple
- (C) You get orange
- (D) You get brown

Q.No.8: What will happen if you leave a wet shirt outside on a sunny day?

- (A) It will stay wet
- (B) It will become dry
- (C) It will turn into ice
- (D) It will grow bigger

Q.No.9: What can you infer if a plant's leaves turn yellow?

- (A) It is getting too much sunlight
- (B) It is not getting enough water
- (C) It is growing faster
- (D) It is making more oxygen

Q.No.10: Which energy source is the most environment-friendly?

- (A) Coal
- (B) Solar energy
- (C) Gasoline
- (D) Plastic

Q.No.11: Design an experiment to show how plants need sunlight to grow. What would you do first?

- (A) Put a plant in a dark room and another in sunlight
- (B) Water both plants equally
- (C) Measure their height every day
- (D) All of the above

Q.No.12: What bodies of water is produced by the emergence of geothermal heated groundwater from the earth's crust?

- (A) lake
- (B) hot spring
- (C) river
- (D) stream

Q.No.13: What landforms having cuplike crater in which lava expelled out when erupts?

- (A) Mountain
- (B) Valleys
- (C) Volcano
- (D) Hills

Q.No.14: Which refers to the daily condition of the atmosphere?

- (A) Climate
- (B) Weather
- (C) Season
- (D) Temperature

Q.No.15: Which sentence best describes weather?

- (A) It stays over a long period of time.
- (B) It varies from day to day in different places.
- (C) It tells about the condition of the atmosphere in one year.
- (D) It does not affect people's lives.

Q.No.16: Why does wind blow?

- (A) Because the moon pulls the air
- (B) Due to differences in temperature and pressure
- (C) Because clouds are moving
- (D) Since the Earth spins faster at night

Q.No.17: Which type of clouds will bring rain?

- (A) Cumulus
- (B) Stratus
- (C) Cirrus
- (D) Cumulonimbus

Q.No.18: On a sunny day, Peter looked up the sky. He was wondering why the flying bird looks big while the moving airplane appears very small. What will you tell Peter to help him understand the situation?

- (A) The bird looks big because it is near to you, while the airplane appears very small because it is far.
- (B) The bird looks big because it is far to you, while the airplane appears very small because it is near.
- (C) The bird looks big because it is above you, while the airplane appears very small because it is under.
- (D) The bird looks big because it is under you, while the airplane appears very small because it is above.

Q.No.19: Which of these does NOT show the beneficial effects of the sun?

- (A) Plants use sunlight to make food for the plants
- (B) Sunlight helps for Vitamin D in our body.
- (C) Sunlight causes sunburn and dehydration
- (D) Sunlight allows people to see.

Q.No.20: Dogs, like people can suffer in the hot weather. Pedro observed that his dog is panting, the mouth is open and the tongue is hanging out. Why? What should Pedro do?

- (A) He should feed the dog with water and allowing it to take a rest for sometime.
- (B) He should feed the dog with some food.
- (C) He should tap the dog's body for relaxation.
- (D) He should put the dog in a cage in order to avoid the hot weather.

Q.No.21: Matter is anything that occupies space and has mass. Which one of the following is correct about air?

- (A) Air is not a matter
- (B) Air is a matter
- (C) Air can partially be a matter
- (D) All of these

Q.No.22: Ice changes into water and water changes into water vapour. What do you conclude from this statement?

- (A) Water is everywhere
- (B) Water is a liquid
- (C) Water is a gas
- (D) Water is found in all the three states of matter

Q.No.23: What impact does the exhaled air make on lungs?

- (A) Makes the lung expand
- (B) Makes the lung contract
- (C) Does not make any impact
- (D) All of these

Q.No.24: A student takes a balloon and fills it with air. What will he notice?

- (A) He will notice that the mass of the balloon remains same
- (B) He will notice that the mass of the balloon is increased
- (C) He will notice that the mass of the balloon is decreased
- (D) He will notice that the mass of the balloon is decreased by of the initial mass of the balloon

Q.No.25: The rocks are changed into soil by which one of the following process?

- (A) Melting
- (B) Soil Erosion
- (C) Chemical Reaction
- (D) Weathering

Q.No.26: We are able to see the moon because it _____.

- (A) gives out light
- (B) is a glowing star
- (C) reflects light from the sun
- (D) reflects light from the earth

Q.No.27: Which of the following birds can fly?

- (A) Parrot
- (B) Ostrich
- (C) Kiwi
- (D) All of these

Q.No.28: Which muscles are the busiest in the human body?

- (A) Cheek muscles
- (B) Eye muscles
- (C) Hand muscles
- (D) Leg muscles

Q.No.29: Which part of the Earth is the coolest?

- (A) Crust
- (B) Core
- (C) Mantle
- (D) None of the above

Q.No.30: Which of the following is the hardest rock?

- (A) Coal
- (B) Diamond
- (C) Slate
- (D) Chalk

Q.No.31: What can we use to talk to our friends far away?

- (A) Computer
- (B) Telephone
- (C) Walkie-talkie
- (D) Ice cream

Q.No.32: What do we use to watch videos on a computer?

- (A) Keyboard
- (B) Screen
- (C) Mouse
- (D) Charger

Q.No.33: What can you press to make the computer do something?

- (A) The keyboard keys
- (B) The cat's tail
- (C) A book
- (D) The pencil

Q.No.34: What do you press to make a computer screen turn on?

- (A) The mouse
- (B) The keyboard
- (C) The power button
- (D) The window

Q.No.35: Which of these is used to listen to music on a computer?

- (A) Speakers
- (B) Shoes
- (C) Fork
- (D) Sand

Q.No.36: What happens when you press the home button on a tablet?

- (A) It plays a song
- (B) It takes a picture
- (C) It takes you to the main screen
- (D) It plays a game

Q.No.37: What does a printer do with a document?

- (A) It stores it
- (B) It makes a copy on paper
- (C) It erases it
- (D) It colors it

Q.No.38: Why do we need a mouse to move the pointer on a computer?

- (A) To connect the keyboard to the computer
- (B) To make the computer turn on
- (C) To move the cursor and interact with the system
- (D) To control the screen brightness

Q.No.39: Why do you need to use a password on your devices?

- (A) To prevent unauthorized access to personal information
- (B) To help your device run more efficiently
- (C) To customize the background and themes
- (D) To make sure only certain apps are installed

Q.No.40: What should you do if you drop your phone in water?

- (A) Wait for it to dry
- (B) Shake it and keep using it
- (C) Put it in rice to dry it out
- (D) Freeze it

Q.No.41: If your computer screen freezes, what can you do?

- (A) Use the mouse to click on every icon to unfreeze it
- (B) Restart the device by turning it off and on
- (C) Open multiple programs to speed up the process
- (D) Wait for the screen to automatically fix itself

Q.No.42: If you can't hear the sound on your tablet, what should you check?

- (A) The volume button
- (B) The battery percentage
- (C) The number of apps running in the background
- (D) The Wi-Fi connection strength

Q.No.43: What could a smartwatch help you with?

- (A) Count your steps
- (B) Take pictures
- (C) Tell the time
- (D) All of the above

Q.No.44: Why is it important to use technology wisely?

- (A) To avoid wasting time
- (B) To make sure it doesn't break
- (C) To protect your privacy and health
- (D) All of the above

Q.No.45: Why should we use technology responsibly at school?

- (A) To play educational games during class time
- (B) To make everyone laugh
- (C) To take long naps
- (D) To keep learning fun and safe

Q.No.46: How can we protect our devices from damage?

- (A) By using cases and keeping them away from water
- (B) By regularly cleaning them with harsh chemicals
- (C) By storing them near food and liquids
- (D) By leaving them on soft surfaces like pillows

Q.No.47: If you are using a tablet and you see that the battery is almost dead, which of these would be the best option to make it last longer?

- (A) Keep playing games
- (B) Turn the tablet upside down
- (C) Change the wallpaper
- (D) Turn off unused apps

Q.No.48: You are using a robot to help you clean your room, but it is stuck under the table. What should you do to help it?

- (A) Let it keep trying
- (B) Move the table so the robot can move
- (C) Turn it off and leave it
- (D) Take it outside

Q.No.49: You want to share a photo from your phone with a friend, but your phone doesn't have internet. What can you do?

- (A) Ask your friend to give you their phone (B) Send the photo later when there's internet
(C) Draw the photo for your friend (D) Shout the photo to your friend

Q.No.50: You are making a poster for a school project. Which of these would make it look the best?

- (A) Use bright colors and pictures that match (B) Use only one color
(C) Leave it blank (D) Put as many stickers as you can

Q.No.51: If you could design a new robot to help clean your house, what would it do?

- (A) Make breakfast (B) Help clean the floors and pick up toys
(C) Watch TV (D) Sit still all day

Q.No.52: You want to watch a video, but the tablet is low on battery. What should you do to make sure you can watch it?

- (A) Turn off the tablet (B) Charge the tablet first
(C) Watch the video while it's off (D) Change the screen color

Q.No.53: To correctly close a program or window, what do you need to do?

- (A) Turn off the computer (B) Disconnect the electricity
(C) Click on the X in the corner (D) None of the above

Q.No.54: What does WWW stand for?

- (A) Western Washington World (B) Worl Wide Weather
(C) Wide Width Wickets (D) World Wide Web

Q.No.55: PC Stands for_____.

- (A) Personal Cellphone
- (B) Panda Canvas
- (C) Paper Cutter
- (D) Personal Computer

Q.No.56: Technology is a _____ that I can use to help complete a task, find information, learn and be entertained.

- (A) Game
- (B) Tool
- (C) Website
- (D) TV Show

Q.No.57: We first use the _____key to type a capital letter at the beginning of a sentence.

- (A) Shift
- (B) Enter
- (C) Spacebar
- (D) Ctrl

Q.No.58: What is this picture?

- (A) Keyboard
- (B) Monitor
- (C) Computer
- (D) Mouse



Q.No.59: What should you do if something you see online makes you feel uncomfortable?

- (A) Don't tell anyone
- (B) Tell everyone at school
- (C) Tell your bestfriend to come and look at it
- (D) Tell a trusted adult

Q.No.60: What does this device called?

- (A) CD
- (B) Flash Drive
- (C) Modem
- (D) Printer



Q.No.61: What number comes after 7?

- (A) 5 (B) 6
(C) 8 (D) 9

Q.No.62: What is the place value of 5 in 58?

- (A) Ones (B) Tens
(C) Hundreds (D) Units

Q.No.63: What is half of 20?

- (A) 2 (B) 5
(C) 10 (D) 15

Q.No.64: Which of these is an odd number?

- (A) 4 (B) 7
(C) 10 (D) 8

Q.No.65: If today is Monday, what day will it be tomorrow?

- (A) Sunday (B) Tuesday
(C) Wednesday (D) Friday

Q.No.66: What is the missing number in this pattern: 2, 4, __, 8, 10?

- (A) 5 (B) 6
(C) 7 (D) 9

Q.No.67: If a clock shows 12:00 PM, what time is it?

- (A) Noon (B) Midnight
(C) Afternoon (D) Evening

Q.No.68: Which tool do we use to measure length?

- (A) Scale (B) Ruler
(C) Compass (D) Clock

Q.No.69: If Sara has 8 apples and buys 2 more, how many does she have?

- (A) 12 (B) 9
(C) 8 (D) 10

Q.No.70: What shape will a ball make when it rolls?

- (A) Square (B) Triangle
(C) Circle (D) Rectangle

Q.No.71: If the time is 3:00, what will it be in 2 hours?

- (A) 4:00 (B) 5:00
(C) 3:30 (D) 6:00

Q.No.72: Which number is greater: 12 or 21?

- (A) 12 (B) 21
(C) They are equal (D) Cannot be determined

Q.No.73: Which number is missing in the sequence: 1, 3, __, 7, 9?

- (A) 4 (B) 5
(C) 6 (D) 8

Q.No.74: What is the sum of the smallest two-digit number and the largest one-digit number?

- (A) 10 (B) 18

(C) 19

(D) 20

Q.No.75: If a triangle has 3 sides and a square has 4, how many sides do two triangles have?

(A) 4

(B) 6

(C) 7

(D) 8

Q.No.76: Which of these numbers is even?

(A) 7

(B) 9

(C) 12

(D) 15

Q.No.77: If you add 10 to 25, then subtract 5, what is the result?

(A) 20

(B) 30

(C) 35

(D) 40

Q.No.78: Which of these shapes is best for stacking objects?

(A) Sphere

(B) Cylinder

(C) Cube

(D) Cone

Q.No.79: Which is a better estimate for the height of a door?

(A) 1 cm

(B) 2 m

(C) 10 m

(D) 50 cm

Q.No.80: Which coin would be the best choice to buy a candy costing 50 cents?

(A) 25 cents

(B) 50 cents

(C) 1 cent

(D) 10 cents

Q.No.81: What is the best way to divide 24 cookies equally among 4 friends?

- (A) 4 cookies each
- (B) 3 cookies each
- (C) 2 cookies each
- (D) 6 cookies each

Q.No.82: You need to measure water for a recipe. What should you use?

- (A) A ruler
- (B) A measuring cup
- (C) A scale
- (D) A clock

Q.No.83: If you want to make 36 using two numbers, which pair works?

- (A) 12 and 20
- (B) 15 and 25
- (C) 18 and 18
- (D) 10 and 30

Q.No.84: If a story problem talks about circles, what math topic is it related to?

- (A) Addition
- (B) Shapes
- (C) Measurement
- (D) Money

Q.No.85: What happens if you remove a side from a square?

- (A) It becomes a triangle
- (B) It becomes a pentagon
- (C) It stays a square
- (D) None of the above

Q.No.86: If you double 8 and then add 5 what do you get?

- (A) 16
- (B) 21
- (C) 24
- (D) 29

Q.No.87: A farmer has 4 fields. Each field has 6 rows of crops, and each row has 8 plants. How many plants are there in total?

- (A) 96 (B) 120
(C) 192 (D) 240

Q.No.88: A clock shows 4:45. How many minutes until it reaches 6:15?

- (A) 60 minutes (B) 75 minutes
(C) 90 minutes (D) 120 minutes

Q.No.89: Which of the following numbers is divisible by both 3 and 4?

- (A) 24 (B) 25
(C) 30 (D) 32

Q.No.90: Emma has three times as many marbles as Jake. If Jake has 15 marbles, how many do they have in total?

- (A) 45 (B) 50
(C) 60 (D) 75

Q.No.91: A girl has 4 daughters. Each daughter has a brother. How many children does she have?

- (A) 4 (B) 5
(C) 8 (D) 9

Q.No.92: Which weighs more, a ton of feathers or a ton of bricks?

- (A) Bricks (B) Feathers
(C) They weigh the same (D) Neither

Q.No.93: The more you take, the more you leave behind. What are they?

- (A) Money
- (B) Steps
- (C) Secrets
- (D) Time

Q.No.94: What has an eye but cannot see?

- (A) A camera
- (B) A needle
- (C) A blind person
- (D) A clock

Q.No.95: What has four legs in the morning, two in the afternoon, and three in the evening?

- (A) A cat
- (B) A human
- (C) A dog
- (D) A chair

Q.No.96: If $1 = 5$, $2 = 10$, $3 = 15$, then $4 = ?$

- (A) 16
- (B) 20
- (C) 25
- (D) 30

Q.No.97: What is always coming but never arrives?

- (A) The sun
- (B) Tomorrow
- (C) A bus
- (D) A holiday

Q.No.98: If you rearrange the letters in "LISTEN" you get the word:

- (A) SILENT
- (B) TINSAL
- (C) LINE
- (D) STONE

Q.No.99: A farmer had 15 sheep, but all but 8 ran away. How many does he have left?

- (A) 7
- (B) 8
- (C) 15
- (D) 0

Q.No.100: If 2 cats catch 2 mice in 2 minutes, how many cats do you need to catch 100 mice in 100 minutes?

- (A) 50 (B) 100
- (C) 2 (D) 10

Q.No.101: What can travel around the world while staying in the same place?

- (A) A car (B) A stamp
- (C) A clock (D) A bird

Q.No.102: If a rooster lays an egg on top of a roof, which way will it roll?

- (A) Left (B) Right
- (C) It won't roll (D) Down

Q.No.103: What gets wetter the more it dries?

- (A) A sponge (B) A towel
- (C) Water (D) A fish

Q.No.104: A dad and his son had a car accident. Two doctors said, "I can't operate on this boy; he's my son!" Who are they?

- (A) His two dads (B) His mom and dad
- (C) His grandparents (D) His uncles

Q.No.105: How many months have 28 days?

- (A) 1 (B) 12
- (C) 6 (D) 4

Q.No.106: If a triangle has three sides, how many sides does a pentagon have?

- (A) 4
- (B) 5
- (C) 6
- (D) 7

Q.No.107: If an apple costs 10 cents, how much do 5 apples cost?

- (A) 50 cents
- (B) 40 cents
- (C) 100 cents
- (D) 10 cents

Q.No.108: Which number is missing? 2, 4, 8, 16, __

- (A) 20
- (B) 24
- (C) 32
- (D) 64

Q.No.109: If you multiply any number by zero, the answer is:

- (A) The same number
- (B) One
- (C) Zero
- (D) Infinity

Q.No.110: I'm tall when I'm young, and I'm short when I'm old. What am I?

- (A) A tree
- (B) A pen
- (C) A candle
- (D) A shadow

Q.No.111: If two's company and three's a crowd, what are four and five?

- (A) A fight
- (B) A big party
- (C) Nine
- (D) A group

Q.No.112: What belongs to you but is used more by others?

- (A) Your money
- (B) Your clothes
- (C) Your name
- (D) Your toys

Q.No.113: What has a head, a tail, but no body?

- (A) A snake
- (B) A coin
- (C) A shadow
- (D) A shadow

Q.No.114: What gets bigger the more you take away from it?

- (A) A hole
- (B) A balloon
- (C) A shadow
- (D) A sponge

Q.No.115: A man ran away from home. He ran left, then right, then left again. When he got back home, who was waiting for him?

- (A) His mother
- (B) His friend
- (C) The umpire
- (D) His dog

Q.No.116: If there are 6 apples and you take away 4, how many do you have?

- (A) 2
- (B) 4
- (C) 6
- (D) 10

Q.No.117: You see a boat filled with people, but there isn't a single person on board. How?

- (A) They are all sleeping
- (B) They are all ghosts
- (C) They are all married
- (D) The boat is sinking

Q.No.118: A horse is tied to a 5-meter rope, but he still manages to eat grass 10 meters away. How?

- (A) No one
- (B) Someone untied him
- (C) The rope isn't tied to anything
- (D) The grass moved closer

Q.No.119: What has many teeth but cannot bite?

- (A) A comb
- (B) A zipper
- (C) A saw
- (D) A dog

Q.No.120: If a monkey, a bird, and a squirrel are racing to the top of a coconut tree, who will get the banana first?

- (A) The monkey
- (B) The bird
- (C) The squirrel
- (D) No one

Answer Keys

Q.No.1: B	Q.No.30: B	Q.No.59: D	Q.No.88: C	Q.No.117: C
Q.No.2: A	Q.No.31: B	Q.No.60: B	Q.No.89: A	Q.No.118: C
Q.No.3: B	Q.No.32: B	Q.No.61: C	Q.No.90: A	Q.No.119: A
Q.No.4: B	Q.No.33: A	Q.No.62: B	Q.No.91: B	Q.No.120: D
Q.No.5: B	Q.No.34: C	Q.No.63: C	Q.No.92: C	
Q.No.6: C	Q.No.35: A	Q.No.64: B	Q.No.93: B	
Q.No.7: B	Q.No.36: C	Q.No.65: B	Q.No.94: B	
Q.No.8: B	Q.No.37: B	Q.No.66: B	Q.No.95: B	
Q.No.9: B	Q.No.38: C	Q.No.67: A	Q.No.96: B	
Q.No.10: B	Q.No.39: A	Q.No.68: B	Q.No.97: B	
Q.No.11: A	Q.No.40: C	Q.No.69: D	Q.No.98: A	
Q.No.12: B	Q.No.41: B	Q.No.70: C	Q.No.99: B	
Q.No.13: C	Q.No.42: A	Q.No.71: B	Q.No.100: C	
Q.No.14: B	Q.No.43: D	Q.No.72: B	Q.No.101: B	
Q.No.15: B	Q.No.44: D	Q.No.73: B	Q.No.102: C	
Q.No.16: B	Q.No.45: D	Q.No.74: C	Q.No.103: B	
Q.No.17: D	Q.No.46: A	Q.No.75: B	Q.No.104: B	
Q.No.18: A	Q.No.47: D	Q.No.76: C	Q.No.105: B	
Q.No.19: C	Q.No.48: B	Q.No.77: B	Q.No.106: B	
Q.No.20:	Q.No.49: B	Q.No.78: C	Q.No.107: A	
Q.No.21: B	Q.No.50: A	Q.No.79: B	Q.No.108: C	
Q.No.22: D	Q.No.51: B	Q.No.80: B	Q.No.109: C	
Q.No.23: B	Q.No.52: B	Q.No.81: D	Q.No.110: C	
Q.No.24: B	Q.No.53: C	Q.No.82: B	Q.No.111: C	
Q.No.25: D	Q.No.54: D	Q.No.83: C	Q.No.112: C	
Q.No.26: C	Q.No.55:	Q.No.84: B	Q.No.113: B	
Q.No.27: A	Q.No.56: B	Q.No.85: A	Q.No.114: A	
Q.No.28: B	Q.No.57: A	Q.No.86:	Q.No.115: C	
Q.No.29: A	Q.No.58: B	Q.No.87: C	Q.No.116: B	



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