Catso
International Events

SCIENCE MANIA QUIZ
SYLLABUS

GRADE 3&4

1. QUESTION: Plants make their own food using which process?

a) Digestion b) Respiration **c) Photosynthesis** d) Evaporation

2. QUESTION: Which of the following is a source of light?

a) Moon **b) Sun** c) Mirror d) Water

3. QUESTION: What do plants release during photosynthesis?

a) Carbon dioxide **b) Oxygen** c) Nitrogen d) Hydrogen

4. QUESTION: What do we use to measure temperature?

a) Ruler **b) Thermometer** c) Scale d) Clock

5. QUESTION: Which gas do humans breathe in to survive?

a) Oxygen b) Carbon dioxide c) Hydrogen d) Nitrogen

6. QUESTION: What is the largest organ in the human body?

a) Heart b) Brain **c) Skin** d) Liver

7. QUESTION: What is the boiling point of water?

a) 50°C **b) 100°C** c) 200°C d) 150°C

8. QUESTION: What do we call baby frogs?

a) Tadpoles b) Cubs c) Chicks d) Puppies

9. QUESTION: Which planet is known as the Red Planet?

a) Venus **b) Mars** c) Jupiter d) Mercury

10. QUESTION: Which part of a plant absorbs water?

a) Leaf **b) Root** c) Stem d) Flower

11. QUESTION: What is the main source of energy for Earth?

a) Sun b) Wind c) Moon d) Water

12. QUESTION: Which force pulls objects towards the Earth?

a) Friction **b) Gravity** c) Magnetism d) Push

13. QUESTION: What helps fish breathe underwater?

a) Lungs **b) Gills** c) Nose d) Scales

14. QUESTION: Which part of a tree is responsible for making food?

a) Leaves b) Roots c) Bark d) Trunk

15. QUESTION: What do birds use to fly?

a) Fins **b) Wings** c) Paws d) Claws

16. QUESTION: Which planet is the largest in the solar system?

a) Jupiter b) Mars c) Earth d) Neptune

17. QUESTION: What do we call animals that eat only plants?

a) Carnivores **b) Herbivores** c) Omnivores d) Scavengers

18. QUESTION: What do we call animals that eat both plants and meat?

a) Herbivores b) Carnivores **c) Omnivores** d) Insects

19. QUESTION: Which sense organ helps us to hear?

a) Eyes **b) Ears** c) Nose d) Tongue

20. QUESTION: Which part of a flower turns into a fruit?

a) Ovary b) Petal c) Leaf d) Root

21. QUESTION: How many legs does an insect have?

a) 4 **b) 6** c) 8 d) 10

22. QUESTION: What is the hardest material in the human body?

a) Bone **b) Tooth enamel** c) Skin d) Nails

23. QUESTION: Which animal lays eggs?

a) Dog **b) Hen** c) Cat d) Lion

24. QUESTION: What do bees collect from flowers?

a) Nectar b) Water c) Pollen d) Seeds

25. QUESTION: What do we call the process by which water changes into vapor?

a) Condensation **b) Evaporation** c) Freezing d) Melting

26. QUESTION: What is the main function of the lungs?

a) To help us breathe b) To digest food
c) To pump blood d) To control body temperature

27. QUESTION: How many bones does a human adult have?

a) 100 b) 150 **c) 206** d) 250

28. QUESTION: Which gas is needed by plants to make food?

a) Carbon dioxide b) Oxygen c) Nitrogen d) Hydrogen

29. QUESTION: What is the name of the process where solid ice turns into liquid water?

a) Freezing **b) Melting** c) Evaporation d) Boiling

30. QUESTION: What is the function of the stem in plants?

a) To absorb water b) To make food **c) To support the plant** d) To absorb sunlight

31. QUESTION: Which planet is closest to the Sun?

a) Mercury b) Venus c) Earth d) Mars

32. QUESTION: What do we call a group of stars forming a pattern?

a) Galaxy **b) Constellation** c) Solar system d) Nebula

33. QUESTION: What is a baby cat called?

a) Puppy **b) Kitten** c) Cub d) Chick

34. QUESTION: What is the main function of roots?

a) To absorb water and nutrients b) To make food
c) To produce flowers d) To trap sunlight

35. QUESTION: Which part of the body controls all functions?

a) Heart b) Lungs **c) Brain** d) Stomach

36. QUESTION: What is the liquid part of blood called?

a) Platelets b) Red blood cells **c) Plasma** d) White blood cells

37. QUESTION: Which of these is NOT a state of matter?

a) Solid b) Liquid **c) Light** d) Gas

38. QUESTION: What do you call an animal that eats only meat?

a) Carnivore b) Herbivore c) Omnivore d) Insect

39. QUESTION: What do you call water that falls from the sky as rain, snow, or hail?

a) Precipitation b) Condensation c) Evaporation d) Freezing

40. QUESTION: What do bats use to navigate in the dark?

a) Echolocation b) Vision c) Smell d) Touch

41. QUESTION: What is the largest planet in the solar system?

a) Mars b) Venus **c) Jupiter** d) Saturn

42. QUESTION: What helps birds to balance while flying?

a) Feet **b) Tail** c) Beak d) Wings

43. QUESTION: What is the basic unit of life?

a) Cell b) Organ c) Tissue d) Bone

44. QUESTION: Which of the following is a carnivore?

a) Lion b) Cow c) Goat d) Elephant

45. QUESTION: What do you call a scientist who studies plants?

a) Zoologist **b) Botanist** c) Chemist d) Astronomer

46. QUESTION: Which is the smallest planet in the solar system?

a) Mercury b) Mars c) Neptune d) Venus

47. QUESTION: What does the heart do?

a) Pumps blood b) Helps us breathe c) Stores food d) Controls movement

48. QUESTION: What type of animal is a frog?

a) Amphibian b) Reptile c) Mammal d) Bird

49. QUESTION: What is the process of a caterpillar turning into a butterfly called?

a) Metamorphosis b) Respiration c) Evolution d) Germination

50. QUESTION: What is the largest mammal?

a) Elephant b) Giraffe **c) Blue whale** d) Tiger

51. QUESTION: What is the main function of leaves in a plant?

a) Store food **b) Make food through photosynthesis**
c) Absorb water d) Support the plant

52. QUESTION: What is the center of the solar system?

a) Earth **b) Sun** c) Moon d) Mars

53. QUESTION: What do we call the remains of ancient plants and animals found in rocks?

a) Minerals **b) Fossils** c) Crystals d) Volcanoes

54. QUESTION: What do plants need to grow?

a) Air, water, sunlight, and soil b) Only water and soil
c) Only sunlight and air d) Only soil and air

55. QUESTION: What do we call animals that hunt other animals for food?

a) Predators b) Prey c) Herbivores d) Omnivores

56. QUESTION: What are baby dogs called?

a) Cubs **b) Puppies** c) Kittens d) Calves

57. QUESTION: What type of energy is used to cook food on a stove?

a) Heat energy b) Sound energy c) Light energy d) Electrical energy

58. QUESTION: What are animals that live in water called?

a) Amphibians **b) Aquatic animals** c) Birds d) Mammals

59. QUESTION: What is the main function of flowers in plants?

a) Absorb water **b) Help in reproduction** c) Provide support d) Store food

60. QUESTION: What is the smallest unit of matter?

a) Cell **b) Atom** c) Molecule d) Organ

61. QUESTION: What are animals without a backbone called?

a) Invertebrates b) Vertebrates c) Amphibians d) Mammals

62. QUESTION: Which of these is a natural source of water?

a) Tap ***b) River*** c) Bottle d) Bucket

63. QUESTION: What gas do plants take in from the air?

a) Oxygen **b) Carbon dioxide** c) Nitrogen d) Hydrogen

64. QUESTION: What is the main function of the heart?

a) To pump blood b) To store food c) To produce oxygen d) To help digest food

65. QUESTION: What do we call the change of seasons throughout the year?

a) Revolution b) Rotation c) Evaporation d) Condensation

66. QUESTION: Which organ helps us digest food?

a) Heart b) Lungs **c) Stomach** d) Brain

67. QUESTION: What do we call a group of fish swimming together?

a) Flock b) Herd **c) School** d) Pack

68. QUESTION: What do you call an animal that sleeps during the day and is awake at night?

a) Herbivore **b) Nocturnal** c) Diurnal d) Omnivore

69. QUESTION: What material is paper made from?

a) Metal **b) Wood (from trees)** c) Plastic d) Glass

70. QUESTION: What do you call the movement of Earth around the Sun?

a) Revolution b) Rotation c) Gravity d) Friction

71. QUESTION: Which force slows down a moving object?

a) Gravity **b) Friction** c) Magnetism d) Wind

72. QUESTION: Which part of the plant becomes a seed?

a) Ovule b) Root c) Stem d) Leaf

73. QUESTION: What is the layer of gases around the Earth called?

a) Hydrosphere **b) Atmosphere** c) Lithosphere d) Biosphere

74. QUESTION: What do we call a scientist who studies space?

a) Botanist **b) Astronomer** c) Zoologist d) Chemist

75. QUESTION: Which of these is NOT a type of rock?

a) Igneous **b) Plastic** c) Sedimentary d) Metamorphic

76. QUESTION: What happens to water when it freezes?

a) It evaporates b) It turns into steam **c) It becomes ice** d) It turns into fog

77. QUESTION: What do plants absorb from the soil?

a) Water and minerals b) Air c) Sunlight d) Carbon dioxide

78. QUESTION: What type of simple machine is a seesaw?

a) Pulley **b) Lever** c) Wheel d) Screw

79. QUESTION: What do we call a baby cow?

a) Kitten **b) Calf** c) Chick d) Foal

80. QUESTION: What is the main function of blood?

a) To transport oxygen and nutrients b) To store water

c) To produce energy d) To digest food

81. QUESTION: What is the outermost layer of the Earth?

a) Crust b) Mantle c) Core d) Lava

82. QUESTION: What type of animal is a snake?

a) Amphibian b) Mammal **c) Reptile** d) Fish

83. QUESTION: What is the only metal that is liquid at room temperature?

a) Iron b) Silver **c) Mercury** d) Gold

84. QUESTION: What do you call the soft part of bread that is inside the crust?

a) Crumb b) Dough c) Husk d) Shell

85. QUESTION: What happens to the length of shadows in the evening?

a) They become longer b) They disappear c) They become shorter d) They change color

86. QUESTION: What is the name of a young horse?

a) Calf **b) Foal** c) Cub d) Lamb

87. QUESTION: Which planet is known as Earth's twin?

a) Venus b) Mars c) Jupiter d) Neptune

88. QUESTION: What do we call the white, puffy clouds in the sky?

a) Cumulus clouds b) Stratus clouds c) Cirrus clouds d) Nimbus clouds

89. QUESTION: What is the function of the large intestine?

a) Absorb oxygen **b) Absorb water from food**

c) Pump blood d) Make energy

90. QUESTION: What is the process of water turning into ice called?

a) Evaporation **b) Freezing** c) Melting d) Boiling

91. QUESTION: What do we call an animal that has a pouch to carry its young?

a) Marsupial b) Mammal c) Amphibian d) Reptile

92. QUESTION: What is the name of our galaxy?

a) Andromeda **b) Milky Way** c) Orion d) Nebula

93. QUESTION: What kind of energy does a moving car have?

a) Kinetic energy b) Chemical energy c) Heat energy d) Sound energy

94. QUESTION: What do penguins use to swim?

a) Feet **b) Flippers** c) Tail d) Beak

95. QUESTION: Which planet has rings around it?

a) Mars b) Earth **c) Saturn** d) Mercury

96. QUESTION: What are the three states of matter?

a) Water, air, fire **b) Solid, liquid, gas** c) Wood, stone, metal d) Cold, hot, warm

97. QUESTION: Which animal is the tallest in the world?

a) Elephant **b) Giraffe** c) Horse d) Kangaroo

98. QUESTION: Which bird is known for its ability to mimic sounds?

a) Parrot **b) Myna** c) Eagle d) Pigeon

99. QUESTION: Which gas do we exhale when we breathe out?

a) Oxygen **b) Carbon dioxide** c) Nitrogen d) Hydrogen

100. QUESTION: What do animals use to get energy?

a) Food b) Water c) Air d) Sunlight

101. QUESTION: What do we call a baby goat?

a) Kid b) Calf c) Fawn d) Kitten

102. QUESTION: How many wings does a butterfly have?

a) 2 **b) 4** c) 6 d) 8

103. QUESTION: Which sense organ helps us taste food?

a) Eyes **b) Tongue** c) Nose d) Ears

104. QUESTION: Which planet is known as the "Blue Planet"?

a) Earth b) Neptune c) Uranus d) Venus

105. QUESTION: What is the name of the baby of a deer?

a) Kitten **b) Fawn** c) Cub d) Foal

106. QUESTION: Which bird is known for its ability to turn its head almost completely around?

a) Parrot **b) Owl** c) Peacock d) Sparrow

107. QUESTION: Which part of a bird helps it to fly?

a) Legs **b) Wings** c) Tail d) Beak

108. QUESTION: What do humans need the most to survive?

a) Air b) TV c) Sugar d) Perfume

109. QUESTION: How many teeth does an adult human normally have?

a) 20 b) 28 **c) 32** d) 40

110. QUESTION: What do we call the bones that protect our brain?

a) Spine **b) Skull** c) Ribs d) Femur

111. QUESTION: How many days does the Earth take to complete one revolution around the Sun?

a) 100 days **b) 365 days** c) 50 days d) 24 hours

112. QUESTION: Which is the fastest land animal?

a) Lion **b) Cheetah** c) Tiger d) Elephant

113. QUESTION: What do we call the thick layer of fat found in whales?

a) Fur **b) Blubber** c) Skin d) Muscle

114. QUESTION: What is a group of lions called?

a) Pack **b) Pride** c) School d) Herd

115. QUESTION: What do earthworms help improve in the soil?

a) **Nutrients and air circulation** b) Water supply c) Pollution d) Hardness

116. QUESTION: What does the Sun provide to the Earth?

a) Light and heat b) Water c) Wind d) Oxygen

117. QUESTION: What do we call an object that attracts iron?

a) Copper b) Plastic **c) Magnet** d) Rock

118. QUESTION: Which animal hibernates during the winter?

a) Dog **b) Bear** c) Elephant d) Tiger

119. QUESTION: What do camels store in their humps?

a) Water **b) Fat** c) Food d) Air

120. QUESTION: Which is the largest bird in the world?

a) Eagle **b) Ostrich** c) Parrot d) Penguin

121. QUESTION: What is the color of chlorophyll in plants?

a) Yellow **b) Green** c) Red d) Blue

122. QUESTION: How many planets are in our solar system?

a) 7 **b) 8** c) 9 d) 10

123. QUESTION: Which part of the body helps us see?

a) Eyes b) Nose c) Ears d) Hands

124. QUESTION: What is the main function of our ears?

a) To see b) To smell **c) To hear** d) To eat

125. QUESTION: What is a baby kangaroo called?

a) Joey b) Kitten c) Puppy d) Cub

126. QUESTION: What causes day and night on Earth?

a) The Earth's revolution b) The Moon's movement
c) The Earth's rotation d) The Sun’s movement

127. QUESTION: What do bats use instead of eyesight to navigate?

a) Echolocation b) Smell c) Vision d) Air waves

128. QUESTION: What is the largest ocean on Earth?

a) Atlantic Ocean **b) Pacific Ocean** c) Indian Ocean d) Arctic Ocean

129. QUESTION: Which gas makes up most of the Earth's atmosphere?

a) Oxygen **b) Nitrogen** c) Carbon dioxide d) Hydrogen

130. QUESTION: What is the smallest bird in the world?

a) Sparrow b) Parrot **c) Hummingbird** d) Eagle

131. QUESTION: What is the largest land animal?

a) Tiger **b) Elephant** c) Lion d) Bear

132. QUESTION: What is the main source of fresh water?

a) Ocean **b) Rain** c) Sea d) Lake

133. QUESTION: What animal can change its color to blend with its surroundings?

a) Chameleon b) Frog c) Lizard d) Turtle

134. QUESTION: Which bird cannot fly?

a) Penguin b) Eagle c) Crow d) Owl

135. QUESTION: Which planet is the hottest in the solar system?

a) Venus b) Mercury c) Mars d) Jupiter

136. QUESTION: How many legs does a spider have?

a) 4 **b) 8** c) 6 d) 10

137. QUESTION: Which animal has the longest lifespan?

a) Elephant **b) Tortoise** c) Whale d) Lion

138. QUESTION: What do bees make?

a) Honey b) Butter c) Milk d) Cheese

139. QUESTION: What do we call the hard outer covering of a turtle?

a) Skin **b) Shell** c) Fur d) Scales

140. QUESTION: How many colors are there in a rainbow?

a) 7 b) 5 c) 6 d) 8

141. QUESTION: What is the main source of energy on Earth?

a) Wind b) Water **c) Sun** d) Fire

142. QUESTION: Which of these is a non-living thing?

a) Cat b) Bird **c) Rock** d) Tree

143. QUESTION: What is the main function of roots in a plant?

a) Absorb water and nutrients b) Produce flowers c) Store oxygen d) Capture sunlight

144. QUESTION: Which of these animals is an herbivore?

a) Cow b) Lion c) Frog d) Snake

145. QUESTION: What do we call a scientist who studies animals?

a) Astronomer **b) Zoologist** c) Chemist d) Botanist

146. QUESTION: What is the largest organ in the human body?

a) Heart b) Brain **c) Skin** d) Liver

147. QUESTION: What do you call a scientist who studies plants?

a) Chemist **b) Botanist** c) Physicist d) Zoologist

148. QUESTION: What is a baby frog called?

a) Cub b) Kitten **c) Tadpole** d) Joey

149. QUESTION: What gas do we need to breathe to stay alive?

a) Oxygen b) Carbon dioxide c) Nitrogen d) Hydrogen

150. QUESTION: Which of these is an insect?

a) Spider **b) Ant** c) Snail d) Lizard

151. QUESTION: How many legs does an ant have?

a) 4 b) 6 **c) 8** d) 10

152. QUESTION: Which material is used to make glass?

a) Wood **b) Sand** c) Iron d) Plastic

153. QUESTION: Which part of the plant makes seeds?

a) Roots **b) Flower** c) Stem d) Leaves

154. QUESTION: What is the function of white blood cells in our body?

a) Fight infections b) Pump blood c) Store oxygen d) Digest food

155. QUESTION: Which gas do plants release into the air?

a) Carbon dioxide **b) Oxygen** c) Hydrogen d) Nitrogen

156. QUESTION: What does a caterpillar turn into?

a) Grasshopper **b) Butterfly** c) Ant d) Moth

157. QUESTION: What is the shape of the Earth?

a) Round (Sphere) b) Flat c) Triangle d) Cube

159. QUESTION: Which of these birds is a flightless bird?

a) Emu b) Sparrow c) Crow d) Hawk

160. QUESTION: What do we call the outermost layer of a tree trunk?

a) Leaves **b) Bark** c) Roots d) Stem

161. QUESTION: What do we call a scientist who studies weather?

a) Zoologist **b) Meteorologist** c) Botanist d) Astronomer

162. QUESTION: What force keeps us on the ground?

a) Magnetism b) Friction **c) Gravity** d) Wind

163. QUESTION: What is the name of our natural satellite?

a) Sun b) Mars **c) Moon** d) Jupiter

164. QUESTION: What do bees collect from flowers?

a) Leaves **b) Nectar** c) Seeds d) Water

165. QUESTION: Which part of a bird helps it to eat?

a) Wings **b) Beak** c) Feet d) Feathers

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