

Brilliant Public School , Sitamarhi



Class -IV

Science

Sitamarhi Talent Search

Session : 2012-13

Rajopatti,Dumra Road,Sitamarhi(Bihar),Pin-843301

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Class – IV Science

Full Marks :150

Time: 3 hrs

- 1) The hardest substance in the human body is _____
a) enamel b) Marble c) dentine d) diamond
- 2) _____ cut like pliers. a) Canines b) Premolars c) Molars d) Incisors
- 3) Milk teeth are also called _____ teeth.
a) permanent b) deciduous c) wisdom d) white teeth
- 4) The part of teeth seen inside the gum is called _____
a) crown b) neck c) root d) cavity
- 5) _____ is the disease caused by the action of bacteria on hard enamel.
a) Caries b) Pyorrhea c) Gingivitis d) Fluorosis
- 6) There are _____ molars in each jaw. a) 6 b) 12 c) 8 d) 4
- 7) Sense organs are controlled by _____
a) respiratory system b) Nervous system c) circulatory system d) excretory system
- 8) Which sense organ maintains the balance of our body?
a) Nose b) Ears c) Eyes d) skin
- 9) _____ system uses raised dots.
a) Manuscript b) Braille Script c) Calligraphy d) JavaScript
- 10) The doctor who looks after our teeth is called _____
a) Scientist b) Dentist c) Botanist d) Zoologist
- 11) Which sense organ helps us to taste? a) Teeth b) Skin c) Tongue d) Ear
- 12) Number of milk teeth in human beings is _____ a) 28 b) 20 c) 32 d) 16
- 13) _____ makes foul smell in mouth.
a) Tooth decay b) Conjunctivitis c) Skin disease d) None of these
- 14) Teeth start appearing in a baby at the age of _____
a) 3 years b) 1 year c) 6-8 months d) 2-3 months
- 15) Outermost layer of the teeth is called _____
a) pulp cavity b) enamel c) dentine d) gum
- 16) Which mineral is required for good teeth?
a) Potassium b) Calcium c) Sodium d) Zinc
- 17) What are the last four teeth a person will get?
a) Incisors b) Canines c) Wisdom teeth d) All of these
- 18) The children of three years have _____
a) milk teeth b) permanent teeth c) no teeth d) wisdom teeth
- 19) Which sense organ protects the inner parts of the body?

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- a) Eyes b) Ears c) Nose d) Skin
- 20) Number of teeth in the upper jaw of an adult is _____. a) 20 b) 32 c) 16 d) 28
- 21) Which teeth are used for cutting and tearing food?
a) Molars b) Premolars c) Canine d) Incisors
- 22) Which part of the teeth is made up of soft tissues, nerves and blood vessels?
a) Crown b) Enamel c) Neck d) Dental Pulp
- 23) _____ causes cavities in teeth. a) Protozoa b) Virus c) Fungi d) Bacteria
- 24) There are _____ sense organs in our body. a) 2 b) 5 c) 4 d) 6
- 25) In children there are _____ taste buds. a) 5,000 b) 20,000 c) 10,000 d) 1,00,000
- 26) One of the eroding agents in conservation of soil is _____
a) sand b) wind c) minerals d) rocks
- 27) Groundnut is found in _____ of the plant.
a) shoot b) stem c) branches d) root
- 28) Plants are green in colour because of _____
a) sunlight b) water c) chlorophyll d) carbon dioxide
- 29) An insectivorous plant a) Oak tree b) Pitcher plant c) Rose plant d) Bougainvillea
- 30) _____ soil has remains of dead plants.
a) sub soil b) top soil c) bedrock d) gravel soil
- 31) Seeds are produced in _____ of a plant.
a) flowers b) shoot c) stem d) root
- 32) I form a protective cover for the petals during the bud stage. Who am I ?
a) stamen b) sepals c) stigma d) style
- 33) _____ is a taproot. a) Potato b) Ginger c) Cassava d) None of these
- 34) The soil deposited by the river is called _____
a) top soil b) silt c) clayey soil d) sub soil
- 35) Growing of trees is called _____
a) afforestation b) deforestation c) manifestation d) none of these
- 36) Roots above the ground are called _____
a) taproot b) fibrous root c) underground root d) aerial roots
- 37) Water can pass through _____
a) bed rock b) porous rock c) non porous rock d) solid rock
- 38) I'm a dust extracted from the stamens of the flower of many plants. Who am I ?
a) Tea dust b) Pistachio c) Cauliflower d) Saffron
- 39) The uppermost layer of the earth's crust is _____
a) water b) land c) soil d) rocks

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- 40) _____ is an underground stem.
a) Potato b) Pumpkin c) Carrot d) Turnip
- 41) _____ binds the soil particles.
a) Leaf b) Shoot c) Root d) Fruit
- 42) Bees live in a _____. a) web b) tree c) hive d) burrows
- 43) _____ has more sand and some small stones.
a) sub soil b) top soil c) sandy soil d) bedrock
- 44) Fungi is _____. a) an animal b) a plant c) bird d) a fruit
- 45) A common mineral used in our food is _____.
a) salt b) sugar c) coffee powder d) tea dust
- 46) Acorns are the seeds of _____.
a) pine tree b) neem tree c) banyan tree d) oak tree
- 47) A plant which can store water is _____.
a) celery b) broccoli c) oats d) cactus
- 48) Which among the following plant has the fibrous roots?
a) Barley b) Peas c) Pepper d) Ginger
- 49) The early cultivators and growers of flowers were called _____.
a) sculptors b) painters c) florists d) flower sellers
- 50) _____ makes the soil fertile and good for growing crops.
a) Polythene bag b) Humus c) Plastic waste d) Bedrock
- 51) Bread and chappatis are made from _____.
a) pulses b) wheat c) rice d) vegetables
- 52) Sprouted pulses are _____.
a) more nutritious b) less nutritious c) not nutritious d) harmful to health
- 53) Carbohydrates _____ a) are protective food b) are body building food
c) help in digestion d) are energy giving food
- 54) Cereals are the _____. a) flowers of the plant b) seeds of the plant
c) leaves of the plant d) fruits of the plant
- 55) Green vegetables are rich in _____.
a) minerals b) vitamins c) carbohydrates d) fat
- 56) We preserve vegetables and fruits by _____ them.
a) cutting b) washing c) salting d) crushing
- 57) The sources of food we eat are _____.
a) plants and animals b) only plants c) only animals d) only birds
- 58) Chlorine is added to water to _____

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- a) add taste b) add colour c) kill the germs d) all of these
- 59) The energy generated from water is known as _____
a) irrigation energy b) thermal energy c) hydro electrical energy d) chemical energy
- 60) The change of water vapour into water by cooling is called _____
a) evaporation b) distillation c) condensation d) filtration
- 61) Purest form of water is obtained from _____
a) springs b) lakes c) sea d) rain
- 62) _____ is a land of rivers.
a) Saudi Arabia b) Pakistan c) India d) China
- 63) _____ is the Ganga of the south.
a) Yamuna b) Kaveri c) Pampa d) Krishna
- 64) Jaundice is caused by _____
a) air pollution b) noise pollution c) water pollution d) soil pollution
- 65) Vertically falling river is called _____
a) water fall b) lake c) pond d) stream
- 66) Water boils at _____ a) 100° b) 0° c) 10° d) 50°
- 67) A large mass of water is called _____
a) pond b) lake c) river d) sea
- 68) Diseases spread by contaminated water are _____
a) cholera and typhoid b) polio and chicken pox
c) rickets and goitre d) scurvy and night blindness
- 69) Which food is digested easily?
a) Staple food b) Raw food c) Cooked food d) Disease free food
- 70) What gives flavour and colour to the food?
a) Spices b) Oil c) Chillies d) salt
- 71) _____ are unwanted plants.
a) Weeds b) Beans c) Paddy plants d) Cotton plants
- 72) _____ is known as the land of spices.
a) Tamil Nadu b) Gujarat c) Karnataka d) Kerala
- 73) Animals depending on plants and animals for their food are called _____
a) autotrophs b) hetrotrophs c) decomposers d) Both a) and c)
- 74) Underground water can be obtained by _____
a) tube wells b) wells c) hand pumps d) all of these
- 75) Which of these are protein rich food?
a) Bread b) Fruits and vegetables c) Milk and fish d) Rice

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- 76) A horseshoe is made of _____ a) steel b) iron c) brass d) silver
- 77) Animals which have hair on their body are called _____
a) reptiles b) birds c) insects d) mammals
- 78) A group of whales is called a _____ a) cattle b) pod c) school d) herd
- 79) Insect that is active at night is _____ a) grasshopper b) ant c) cockroach d) bees
- 80) Animals which spend most of their time on trees are called _____
a) amphibians b) arboreal c) aerial d) terrestrial
- 81) _____ is a very shy animal.
a) Orangutan b) Cow c) Tiger d) Wolf
- 82) A group of hyenas is called _____ a) herd b) cattle c) pack d) band
- 83) Grass eating animals have _____ teeth.
a) canine b) grinding c) saw edged d) incisor
- 84) Strong and sharp claws of preying birds are called _____
a) padded feet b) lagoons c) talons d) webbed feet
- 85) Which bird has chisel beak like beak?
a) Woodpecker b) Cuckoo c) Partridge d) Vulture
- 86) The most famous woman leader of Chipko movement today is _____
a) Bachendri Pal b) Gaura Devi c) Medha Patkar d) Sonia Gandhi
- 87) Chipko movement is a people's movement to save _____
a) wildlife b) environment c) tigers d) forests
- 88) Which of the following is not a cause of air pollution?
a) Smoke from factories and vehicles b) Smoke from houses
c) Waste water release d) Smoke from crackers
- 89) _____ are source of oxygen.
a) Animals b) Plants c) Human beings d) Birds
- 90) Which of the following is not a cause of water pollution?
a) Loud Music b) Waste water from factories
c) bathing of cattle in ponds d) washing of clothes in the river
- 91) World Environment Day is celebrated on _____
a) 5th July b) 5th June c) 15th July d) 15th June
- 92) Which one of the following is not a part of conservation of forests?
a) Planting new forest b) Preventing forest fire
c) Care of pests d) Cutting down of trees
- 93) Which of the following is a microscopic animal?
a) Amoeba b) Earthworm c) Mammals d) Insects

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- 94) The water animal which breathes through lungs is _____
a) fish b) toads c) whale d) starfish
- 95) Snakes move with the help of _____
a) limbs b) plates on the lower sides c) legs d) wriggling movement
- 96) Which of the following wastes cannot be decomposed by bacteria to form compost?
a) Kitchen wastes b) Dead plants
c) Plastic and polythene d) bodies of insects living in the soil
- 97) One of the main causes of soil erosion is _____
a) cutting down of trees b) conservation of forests
c) preserving wildlife d) less rainfall
- 98) _____ have no wings.
a) Mosquitoes b) Ants c) Bugs d) Moths
- 99) The mouth part of a butterfly helps it to suck _____
a) water b) blood c) sugar d) nectar
- 100) Amoeba breathes through _____
a) lungs b) gills c) moist skin d) body surface
- 101) The capacity to do work is called _____
a) force b) energy c) power d) work
- 102) The never ending source of heat and light energy is _____
a) magnetic energy b) electrical energy c) wind energy d) solar energy
- 103) The smallest particle of matter is known as _____
a) atom b) molecule c) matter d) none of these
- 104) The force which causes moving things to stop or slow down is called _____
a) gravitational force b) frictional force c) pushing force d) energy
- 105) Pulley is an example of _____
a) simple machine b) complex machine c) big machine d) electrical machine
- 106) Raising of a flag on a flag pole is an example of _____
a) lever b) wheel and axle c) pulley d) screw
- 107) Lifting a weight from the ground and putting it on a shelf is an example of _____
a) energy b) force c) work d) power
- 108) Which of the following is true?
a) Gravity acts only through air, not through water or land.
b) Gravity does not act on aeroplanes flying in the sky.
c) Gravity always acts towards the centre of the earth.

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- d) None of these
- 109) Which of these is not a force?
a) Friction b) Gravity c) Weight d) Height
- 110) Rougher surfaces have _____
a) greater friction b) less friction c) the same level of friction d) no friction
- 111) Friction is _____
a) a force that occurs only between solids.
b) a force that occurs only on rough surfaces
c) a force that occurs only when surfaces touch each other
d) the capacity to do work.
- 112) A boy sits halfway down a grassy slope. What force stops him sliding down?
a) Weight b) Gravity c) Friction d) both a) and b)
- 113) When an object is at rest/stationary, _____
a) there are no forces acting on it.
b) there are balanced forces acting on it
c) there is just one force acting on it, gravity
d) there is only stretching force
- 114) Where would you feel heaviest?
a) On the earth b) On the moon c) Equally heavy on both earth and moon
d) None of these
- 115) If gravity pulls you towards the centre of the earth, why don't you fall through the pavement?
a) because gravity does not act through pavements
b) because the pavement exerts an equal force in the opposite direction
c) because gravity runs out
d) none of these
- 116) If a force moves an object or changes its direction, what is being done?
a) Power b) Energy c) Work d) Friction
- 117) Is work done when a force is applied to a mass but the mass does not move?
a) Yes b) No c) Sometimes d) Only if you work hard
- 118) In a _____ electrical energy changes into sound energy.
a) Electrical bulb b) Fan c) Transistor d) Electric iron box
- 119) Electrical energy can be produced from _____
a) mechanical energy b) chemical energy c) atomic energy d) all of these
- 120) Most of the energy we use originally comes from _____
a) the sun b) the air c) the soil d) the oceans

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- 121) The energy in fossil fuels such as coal is stored as _____
a) chemical energy b) nuclear energy c) thermal energy d) electrical energy
- 122) What types of energy can solar panels utilise?
a) Heat and light b) Chemical c) Wind d) Mechanical
- 123) A common example for force is _____
a) Acceleration b) Inertia c) Mass d) A push or pull
- 124) With the same push would a heavy car travel further or less far than a light car?
a) further b) less far
c) They would both travel the same distance d) none of these
- 125) What is the force called that makes things fall when we drop them?
a) Friction b) Gravity c) Stretching d) all of these
- 126) Any substance which has weight and occupies space is called _____
a) atom b) molecules c) matter d) solvent
- 127) The liquid in which a substance dissolves is called a _____
a) solute b) solvent c) solution d) matter
- 128) _____ makes the molecules lose energy and close together.
a) Heat b) Steam c) Sound d) Cold
- 129) The molecules of which of these substances move the slowest?
a) Ice cream b) Apple juice c) Cold water d) hot chocolate
- 130) Which of the following liquid contains more carbon dioxide?
a) Orange juice b) water c) Pepsi d) Curd
- 131) In which state of matter are the molecules closely packed?
a) Gases b) Liquids c) Solids d) None of these
- 132) Which of the following is a chemical change?
a) melting of ice b) melting of wax c) burning of wood d) none of these
- 133) Heavenly bodies that are held in orbit around the planet
a) sun b) moons c) comets d) meteor
- 134) The first person who went to space was _____
a) Neil Armstrong b) Edwin Aldrin c) Michael Collins d) Yuri Gagarin
- 135) Which is the second farthest planet from the sun?
a) Mars b) Neptune c) Jupiter d) Uranus
- 136) Which country launched Sputnik-1 into space in 1957?
a) China b) America c) Russia d) India
- 137) The hole in the centre of the volcano is called _____

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- a) lava b) magma c) mantle d) crater
- 138) How many moons does Jupiter have? a) 31 b) 41 c) 61 d) 91
- 139) The earth's core is made up of _____
a) iron and aluminium b) iron and nickel c) iron and mercury d) iron and silver
- 140) The tropic of cancer is situated in _____
a) Southern hemisphere b) Northern hemisphere
c) Eastern hemisphere d) Western hemisphere
- 141) The second biggest planet in our solar system is _____
a) Jupiter b) Earth c) Saturn d) Uranus
- 142) Spinning of the earth on its axis is called _____
a) revolution b) rotation c) constellation d) orbit
- 143) Heavenly bodies that do not move and give out heat and light of their own are called ____
a) moons b) stars c) planets d) asteroids
- 144) How long does Pluto take to revolve once round the sun?
a) 458 years b) 368 years c) 448 years d) 248 years
- 145) Which planet has the smallest diameter?
a) Mercury b) Venus c) Mars d) Neptune
- 146) The imaginary line that divides the earth into two equal halves is called ____
a) Tropic of Capricorn b) Tropic of Cancer c) Equator d) Axis
- 147) The first Indian Satellite is _____
a) Bhaskara-1 b) Insat-I-B c) Aryabhata d) Sputnik-1
- 148) The orbits of the planets in our solar system is _____
a) spiral b) elliptical c) circular d) none of these
- 149) How many million kilometres away is the earth from the sun?
a) 148.8 million kilometres b) 258.9 million kilometres
c) 158.8 million kilometres d) 268.9 million kilometres
- 150) Antarctica is situated in _____
a) North Pole b) South Pole c) Equator d) None of these

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Answers For Class – IV Science

1 a	21 c	41 c	61 d	81 a	101 b	121 a	141 c
2 d	22 d	42 c	62 c	82 c	102 d	122 a	142 b
3 b	23 d	43 a	63 b	83 b	103 a	123 d	143 b
4 c	24 b	44 b	64 c	84 c	104 b	124 b	144 d
5 a	25 c	45 a	65 a	85 a	105 a	125 b	145 a
6 a	26 b	46 d	66 a	86 b	106 c	126 c	146 c
7 b	27 d	47 d	67 d	87 d	107 c	127 b	147 c
8 b	28 c	48 a	68 a	88 c	108 c	128 d	148 b
9 b	29 b	49 c	69 c	89 b	109 d	129 a	149 a
10 b	30 b	50 b	70 a	90 a	110 a	130 c	150 b
11 c	31 a	51 b	71 a	91 b	111 c	131 c	
12 b	32 b	52 a	72 d	92 d	112 c	132 c	
13 a	33 c	53 d	73 b	93 a	113 b	133 b	
14 c	34 b	54 b	74 d	94 c	114 a	134 d	
15 b	35 a	55 b	75 c	95 b	115 b	135 d	
16 b	36 d	56 c	76 c	96 c	116 c	136 c	
17 c	37 b	57 a	77 d	97 a	117 b	137 d	
18 a	38 d	58 c	78 b	98 c	118 c	138 c	
19 a	39 c	59 c	79 c	99 d	119 d	139 b	
20 c	40 a	60 c	80 b	100 d	120 a	140 b	