

SOLVED CSS PAST PAPERS 2002 – 2021

EVERYDAY SCIENCE CSS 2002

Q.15 Choose the one alternative the best completes the statement or answer the question. (1 each)

- 1). Glycogen is an example of:
(a) Carbohydrate (b) Peptide
(c) Lipid (d) steroids
- 2). The cell structure that controls movements of material into and out of the cell is the:
(a) Mitochondria (b) Cell membrane
(c) Centriole (d) Golgi body
- 3). The unit that co-ordinates different devices of the computer system is:
(a) ALU (b) Register
(c) Control unit
(d) Logical instructions
- 4). _____ manages and controls various functions of the computer.
(a) In put/out put device
(b) Main memory
(c) Operating system
(d) Both a & b
- 5). The number of natural satellite orbiting around the planet Mars is:
(a) 1 (b) 2 (c) 5 (d) 14
- 6). _____ is an example of mechanical digestion.
(a) Glycolysis (b) Hydrolysis
(c) Mastication (d) Defecation
- 7). Botanically a fruit is a/an
(a) Ripened ovule (b) Mature stigma
(c) Ripened ovary
(d) Fully mature flowering stalk
- 8). The vocal folds are part of the:
(a) Nasal cavity (b) Larynx
(c) Trachea (d) Laryngopharynx
- 9). Blood glucose is raised by all of the following except:
(a) Glycogen (b) Insulin
(c) Cortisol (d) Epinephrine
- 10). The famous book Al-Qanoon was written by the Muslim scientist
(a) Jabir-ibn-Hayyan (b) Zakariya Al Razi
(c) Abu Ali Sina (d) Abu Qasim Majreeti

Answers

1.	a	2.	b	3.	C	4.	c	5.	b
6.	c	7.	c	8.	B	9.	b	10.	c

EVERYDAY SCIENCE CSS 2003

Q. 11 Chose the best choice in the following statements:

1. Enzymes are organic catalysts made up of
(a). Carbohydrate (b). Proteins

- (c). Fats (d). Nucleic Acid
2. A nanometer is
(a). 10^{-3} meters (b). 10^{-6} meters
(c). 10^{-9} meters (d). 10^{-12} meters
3. The minimum speed of a Pentium II computer is
(a). 133 MHz (b). 233 MHz
(c). 333 MHz (d). 433 MHz
4. According to recent classifications the living organisms are divided into number of kingdoms
(a). 2 (b). 3
(c). 4 (d). 5
5. Glycolysis is a process of :
(a). Photosynthesis (b). Reproduction
(c). Transpiration (d). Respiration
6. The Unit that coordinates different devices of Computer system is
(a). ALU (b). Register
(c). Control Unit (d). Logical Instruction
7. Seed is technically
(a). Ripened Ovule (b). Carpel
(c). Ripened Ovary
(d). Fully mature pollen grain
8. ADH is a hormone secreted by :
(a). Anterior pituitary
(b). posterior pituitary
(c). Adrenal Cortex
(d). Adrenal Medulla
9. The number of natural satellites orbiting around the Mars is
(a). 1
(b). 2
(c). 5
(d). 14
10. Permian Period belongs to
(a). Paleozoic era
(b). Mesozoic era
(c). Cenozoic era
(d). Precambrian era

Answers

1.	b	2.	c	3.	b	4.	d	5.	d
6.	c	7.	a	8.	b	9.	b	10.	a

EVERYDAY SCIENCE CSS 2004

Q. 15 Choose the best choice in the following statements.

1. The three elements needed for healthy growth of plants are:
(a). N, P, K (b). N, C, P
(c). N, K, C (d). N, S, P
2. The most abundant element in the human body is:
(a). Carbon (b). Hydrogen
(c). Oxygen (d). Nitrogen

3. Ammonium nitrate is not used for:
 - (a) Rice crop
 - (b) wheat crop
 - (c) sugarcane crop
 - (d) cotton crop
4. Sea divers use a mixture of gases for breathing during diving. The mixture is:
 - (a) 80% He & 20% O₂
 - (b) 80% N₂ & 20% O₂
 - (c) 20% O₂ & 40% N₂ 40% CO₂
 - (d) 50% He & 50% O₂
5. Which one of the following is a water soluble vitamin?
 - (a) Niacin
 - (b) Ascorbic acid
 - (c) trypsin
 - (d) riboflavin
6. Which of the following enzymes bring about hydrolysis of fats?
 - (a) Urease
 - (b) Zymase
 - (c) Maltase
 - (d) Lipase
7. The solution of which acid is used for seasoning of food:
 - (a) formic acid
 - (b) Acetic acid
 - (c) benzoic acid
 - (d) Botanic acid
8. Influenza is caused by:
 - (a) Fungi
 - (b) Bacteria
 - (c) Virus
 - (d) Protozoa
9. The blood glucose level is raised by the following except:
 - (a) Carbohydrates
 - (b) Cholesterol
 - (c) Insulin
 - (d) Epinephrine
10. The energy possessed by water in a dam is:
 - (a) electrical energy
 - (b) kinetic energy
 - (c) potential energy
 - (d) mechanical energy

Answers

1.	a	2.	c	3.	A	4.	b	5.	b
6.	d	7.	B	8.	C	9.	c	10.	c

EVERYDAY SCIENCE CSS 2005

Q. 15 Choose the best choice in the following statements.

- (1) Select the correct association:
 - (a) Oxidation-Loss of an electron
 - (b) Oxidation - gain of an electron
 - (c) Reduction - gain of a neutron
 - (d) Reduction - loss of a neutron
- (2) Radioactive isotope of Uranium used in Nuclear Bomb is:
 - (a) ${}_{92}\text{U}^{235}$
 - (b) ${}_{92}\text{U}^{234}$
 - (c) ${}_{92}\text{U}^{233}$
 - (d) ${}_{92}\text{U}^{238}$
- (3) Human population growth is greatest in developing countries because:
 - (a) The birth rate is high in developing countries
 - (b) The death rate is high in developing countries.
 - (c) Much of the population has already reached the child bearing age.
 - (d) Most of the world's population lives in industrialized countries.

- (4) Which woody raw material is used for the manufacture of paper pulp?
 - (a) Cotton
 - (b) Poplar
 - (c) Bagasse
 - (d) Rice straw
- (5) Rectified spirit contains alcohol about:
 - (a) 80%
 - (b) 95%
 - (c) 70%
 - (d) 85%
- (6) Which of the following elements is not present abundantly in earth's crust:
 - (a) Silicon
 - (b) Radium
 - (c) Aluminum
 - (d) Carbon
- (7) The famous book; Al - Qanoun was written by the Muslim scientist:
 - (a) Jabar bin Hayyan
 - (b) Zakariya Al - Razi
 - (c) Abu Ali Sina
 - (d) Abdul Qasim Majreeti
- (8) Basic metals can be converted into gold by:
 - (a) Heating
 - (b) Beating
 - (c) Artificial nuclear radioactivity
 - (d) Chemical reaction
- (9) A light year is a unit of:
 - (a) Time
 - (b) energy
 - (c) Length
 - (d) mass
- (10) One of the main function of the earth's ozone layer is to:
 - (a) Prevent global warming
 - (b) Filter out ultraviolet rays
 - (c) absorb pollution
 - (d) all of the above

Answers

1.	a	2.	a	3.	a	4.	b	5.	b
6.	b	7.	c	8.	c	9.	c	10.	b

EVERYDAY SCIENCE CSS 2006

Q.15. Choose the best choice in the following statements:

- 1) One of the countries through which equator passes is:
 - (a) Kenya
 - (b) Malaysia
 - (c) Malta
 - (d) Pakistan
- 2) Copper can be converted into gold by:
 - (a) Artificial radioactivity
 - (b) heating
 - (c) Electroplating
 - (d) Chemical reaction
- 3) The three elements needed for healthy growth of plants are:
 - (a) N, P, K
 - (b) N, C, P
 - (c) N, K,
 - (d) N, S, P
- 4) Clocks, which moves with the velocities comparable with the velocity of light, run:
 - (a) fast
 - (b) slow
 - (c) equal to the velocity of light
 - (d) with zero velocity

- 5) Max Planck received the Nobel prize in Physics in 1918 for his discovery of:
 (a) electron (b) energy quanta
 (c) photon (d) positron
- 6) Bronze medal is made up of metals:
 (a) (copper, nickel) (b) (copper, tin)
 (c) (copper, silver) (d) (copper, zinc)
- 7) Addison's disease is caused by the excessive secretion of:
 (a) Antiduretic Hormone
 (b) Luteinising Hormone
 (c) Melanophore stimulating Hormone
 (d) Adrenocorticotrophic Hormone
- 8) Development of calf muscles in ladies who wear high heels is a common example of:
 (a) Natural Selection
 (b) inheritance of acquired character
 (c) Use and disuse of organ
 (d) Artificial selection
- 9) Margalla Hill is a branch of:
 (a) Karakorum range
 (b) Hindukash range
 (c) Himalaya range
 (d) Nanga Parbat range
- 10) Humming bird belongs to a category called:
 (a) Ectotherm (b) Endotherm
 (c) Exotherm (d) Heterotherm.
- 7) Opium is used to make the following
 a). Aspirin (b). Viagra
 (c). Benadryl (d). Heroine
- 8) Which one of the following book was written by Ibn-al-haisham?
 (a). Kitab-al-Manadhir
 (b). Kitab-al-Kirya
 (c). Al-Maqala fi Hisab-al Jabr wa-al-Muqabilah
 (d). Al-Qanoon al-Tibb
- 9) Speed of light is?
 (a). 186000 Km/sec
 (b). 200000 Km/sec
 (c). 430000 Km/sec
 (d). 300000 Km/sec
- 10) Which of the following energy is converted into electric in a generator?
 (a). Chemical (b). Mechanical
 (c). Thermal (d). Potential
- 11) Diamond is the refined form of
 (a). Carbon (b). Coal
 (c). Lead (d). Radium
- 12) Dry Ice is?
 (a). NO₂ (b). NaCl
 (c). FeO (d). CO₂
- 13) Telephone was invented by?
 (a). Georgy Babakin
 (b). Anthony R. Bringer
 (c). Dr. Graham Bell
 (d). Nicolay Barnardos

Answers

1.	a	2.	a	3.	a	4.	b	5.	b
6.	b	7.	d	8.	b	9.	c	10.	b

EVERYDAY SCIENCE CSS 2008

Select the best option/answer and fill in the appropriate Box on the Answer Sheet: (50)

- 1) Japan is called:
 (a) Land of earthquakes
 (b) Land of rising sun
 (c) Land of rivers
 (d) Land of free people
- 2) Which of the following is used to kill rats?
 (a). Insecticides (b). Rodenticides
 (c). Fungicides (d). Herbicides
- 3) Which planet of our solar system is called as Morning star?
 (a). Mercury (b). Venus
 (c). Jupiter (d). Neptuen
- 4) What is the diameter of the earth?
 (a). 24713 Km (b). 8542 Km
 (c). 15847 Km (d). 12742 Km
- 5) Which one of the following is an invertebrate?
 (a). Reptiles (b). Insects
 (c). Birds (d). Mammals
- 6) Opium is found in?
 (a). Poppy (b). Foxglove
 (c). Crocus (d). Azalea
- 14) Name the instrument used to measure electric current?
 (a). Ammeter (b). Caliper
 (c). Thermocouple (d). Lactometer
- 15) Ascorbic acid is vitamin?
 (a). A (b). B
 (c). K (d). C
- 16) Total number of bones in human face are?
 (a). 14 (b). 8
 (c). 23 (d). 31
- 17) The sky appears blue due to:
 (a). Radiation of Light (b). Tyndall effect
 (c). Ozone Layer (d). Dispersion of Light
- 18) Fat soluble vitamins are
 (a). A, B, C, D (b). A, C
 (c). C, D (d). A, D, E, K
- 19) Mixture used for welding (its chemical composition)
 (a). Tin and Sulphur Dioxide
 (b). Cobalt and Zink Oxide
 (c). Iron and Sulphur
 (d). Copper Oxide and Aluminum
- 20) Abu Ali Sina, Al Biruni, Ibn Al Haitham belonged to which century?
 (a). 8th (b). 10th
 (c). 13th (d). 12th

- 21) Which of the following is not a Thermoplastic?
 (a). Bakelite (b). Polystyrene
 (c). Polypropylene (d). Nylon
- 22) Haematite (a mineral) is the important source of
 (a). Iron (b). Aluminum
 (c). Chromium (d). Nickel
- 23) Bauxite is the mineral of
 (a). Iron (b). Copper
 (c). Aluminum (d). Tin
- 24) Bronze is an alloy of
 (a). Zink and Tin (b). Aluminum and Zink
 (c). Iron and Aluminum
 (d). Copper and Tin
- 25) Identify the animal – rudimentary wings, long bill, lives in burrows.
 (a). Kiwi (b). Peacock
 (c). Hawk (d). Ostrich
- 26) Largest organ of human body
 (a). Lung (b). Stomach
 (c). skin (d). Liver
- 27) Name the Vaccine for T.B
 (a). Varivax (b). ACAM 1000
 (c). HAVRIX
 (d). Bacillus Calmette Guerin (BCG)
- 28) What is called the power house of cell?
 (a). Ovule (b). Mitochondria
 (c). Nucleus (d). Lysosome
- 29) BCG stands for
 (a). Beginner Computer Graphics
 (b). Bacterial Coping Gram
 (c). Bacillus Calmette-Guerin
 (d). Best Cricket Guru

Answers

1.	b	2.	b	3.	b	4.	d	5.	b
6.	a	7.	d	8.	a	9.	d	10.	b
11.	a	12.	d	13.	c	14.	a	15.	d
16.	a	17.	b	18.	d	19.	d	20.	b
21.	a	22.	a	23.	c	24.	d	25.	a
26.	c	27.	d	28.	b	29.	c		

EVERYDAY SCIENCE CSS 2009

Q.1. Select the best option/answer and fill in the appropriate Box on the Answer Sheet: (50)

- (1) Person with following blood group are considered to be universal recipient.
 (a). A+ (b). B+
 (c). AB+ (d). O+
- (2) Study of life in outer space is known as:
 (a). Endobiology (b). Exobiology
 (c). Enterobiology (d). Neobiology
- (3) The name of the common mineral salt present in sweat is:
 (a). Calcium Oxalate
 (b). Potassium Sulphate

- (c). Sodium Chloride
 (d). Iron Sulphate
- (4) Sensitive layer of the eye is:
 (a). Choroids (b). Sclerotic
 (c). Retina (d). Cornea
- (5) Laughing gas has chemical composition of following two elements.
 (a). Nitrogen + Hydrogen
 (b). Nitrogen + Carbon
 (c). Nitrogen + Oxygen
 (d). Oxygen + Carbon
- (6) Dr. Abdus Salam of Pakistan was one of the contributors of the unification of:
 (a). Electromagnetic force and gravitational force
 (b). Electromagnetic force and weak nuclear force
 (c). Gravitational force and weak nuclear force
 (d). Weak nuclear force and strong nuclear force
- (7) Which triplet in DNA codes for valine:
 (a). CTT (b). AGU
 (c). CAT (d). AAT
- (8) What is the chance of diabetic baby born to parents both heterozygous normal?
 (a). Zero (b). 1/4
 (c). 1/2 (d). 3/4
- (9) Which of the following is not a part of Darwinism:
 (a). Over production (b). Natural selection
 (c). Inheritance for acquired characters
 (d). Competition for survival
- (10) Role of biotechnology in the production of food based on:
 (a). Decomposition (b). Respiration
 (c). Digestion (d). Fermentation
- (11) Which form of drug abuse involves most risk of infection with the HIV (AIDS) virus:
 (a). Cigarette smoking (b). Using alcohol
 (c). Injection of heroine
 (d). Taking too much aspirin
- (12) Founder of modern astronomy was:
 (a). Archimedes (b). William Gilbert
 (c). Nicolas Copernicus
 (d). Michael Faraday (e). None of these
- (13) The instrument which measures very high temperature is:
 (a). Manometer (b). Thermostat
 (c). Chronometer (d). Pyrometer
- (14) The science which deals with study of manners and customs of people is:
 (a). Ethnology (b). Morphology
 (c). Ethics (d). Genetics
- (15) Chemical used to kill rats and mice are:
 (a). Insecticides (b). Rodenticides
 (c). Fungicides (d). Herbicides

- (16) Dry ice is:
 (a). Methane hydrate (b). Liquid Nitrogen
 (c). Solid Carbon dioxide
 (d). Frozen Water (e). None of these
- (17) Chemical name of vinegar is:
 (a). Sodium Nitrate (b). Dilute acetic acid
 (c). Chloride of lime (d). Calcium
- (18) Deficiency of following vitamin decreases hemoglobin production:
 (a). Biotin (b). Thiamine
 (c). Niacin (d). Pyridoxine
- (19) Hygrometer is used for measuring the:
 (a). Speed of sound (b). Density of milk
 (c). Humidity of air
 (d). Specific gravity of liquids
- (20) Bronze is an alloy of:
 (a). Copper and Zinc (b). Tin and Zinc
 (c). Copper and Tin (d). Iron and Zinc
- (21) Which of the following is most elastic?
 (a). Steel (b). Rubber
 (c). Glass (d). Sponge
- (22) Orbital period of the planet Mercury around the sun is:
 (a). 88 days (b). 365 days
 (c). 2 years (d). 98 days
- (23) The most splendid and the most magnificent constellation on the sky is:
 (a). Orion (b). Columbia
 (c). Canis Major (d). Taurus
 (e). None of these
- (24) "Black holes" refer to:
 (a). Hole occurring in heavenly bodies
 (b). Bright spots on the sun
 (c). Collapsing objects of high density
 (d). Collapsing of low density
- (25) Eugenics is the study of:
 (a). Altering human beings by changing their genetic components
 (b). People of European region
 (c). Different races of mankind
 (d). Genetic of plants
- (26) The position of earth in its orbit, when it is at its greatest distance from the sun causing northern summer is called:
 (a). Aphelion (b). Perihelion
 (c). Perigee (d). Apogee
- (27) Diamond is a very expensive ornament. It is composed of a single element:
 (a). Carbon (b). Gold
 (c). Silver (d). Platinum
- (28) Which of the following layers make radio transmission possible?
 (a). Troposphere (b). Ionosphere
 (c). Mesosphere (d). Stratosphere
- (29) Which of the following explains the reason why there is no total eclipse of the sun?
 (a). Size of the earth in relation to that of moon
 (b). Orbit of moon around earth
 (c). Direction of rotation of earth around sun
 (d). Area of the sun covered by the moon
- (30) Television signals are converted into light signals by:
 (a). Optical fiber (b). Transistor
 (c). Decoder (d). Photo diode
- (31) Where do most of Asteroids lie?
 (a). In asteroid belt between the orbits of Mars and Jupiter
 (b). In asteroid belt between the orbits of Mars and Venus
 (c). In asteroid belt between the orbits of Jupiter and Venus
 (d). Everywhere in the sky
- (32) The number of spark plugs needed in a diesel engine is:
 (a). 2 (b). 3
 (c). 0 (d). 4
- (33) The half life of a radioactive element is 8-days. How long it takes to reduce it from 10 mg to 5 mg?
 (a). 4 days (b). 12 days
 (c). 16 days (d). 8 days
- (34) The term 'Blue Shift' is used to indicate:
 (a). Doppler effect in which an object appears bluer when it is moving towards the observer or observer is moving towards the object.
 (b). Turning a star from white to blue
 (c). In future sun would become blue
 (d). Black hole was blue at its start
- (35) Kilowatt-hour is a unit of:
 (a). Power (b). Electric Current
 (c). Energy (d). Time
- (36) Fuel used in a Fast Breeder Reactor is:
 (a). Uranium Oxide
 (b). Uranium Plutonium carbide
 (c). Uranium Plutonium Oxide
 (d). Uranium thorium Oxide
- (37) Monsoon is caused by:
 (a). Seasonal reversal of winds
 (b). Revolution of earth
 (c). Movement of clouds
 (d). Rise in temperature
 (e). Rain forests
- (38) Which of the following atmospheric layers help in radio communication?
 (a). Exosphere (b). Ionosphere
 (c). Troposphere (d). Stratosphere
 (e). Ozone layer

- (39) A moderator is used in nuclear reactor in order to:
- Accelerate the neutrons
 - Slow down the speed of the neutrons
 - Increase the number of electrons
 - Decrease the number of electrons
- (40) Sedimentary rocks are:
- Porous
 - Hard
 - Rough
 - Brittle
 - Volcanic
- (41) Which one of the following is a non-metallic mineral?
- Manganese
 - Magnesium
 - Gypsum
 - Bauxite
- (42) Ozone layer prevents the following radiation from entering the atmosphere:
- Infra-red
 - Ultraviolet
 - X-rays
 - Gamma rays
- (43) The phenomenon of Aurora Borealis, the display of red and green lights in northern hemisphere is due to radiations from:
- Ionosphere
 - Troposphere
 - Mesosphere
 - Stratosphere
- (44) Yeast is used in making bread because it produces:
- Carbon dioxide
 - Sugar
 - Bacteria
 - Oxygen
- (45) Oasis is associated with:
- Glaciers
 - Desert
 - Islands
 - Volcanoes
 - Fertile land
- (46) Quartz crystal in quartz watches work on the principle called:
- Photoelectric effect
 - Stark effect
 - Thermionic effect
 - Piezo-electric effect
 - None of these
- (47) The fruits without seed, like banana, are called:
- seedless fruits
 - parthenogenesis fruits
 - parthenocarpic fruits
 - placental fruits
 - Organic fruits
- (48) Animal which captures and readily kills living animals for its food is called:
- Parasite
 - Scavenger
 - Predator
 - Mammal
- (49) In a railway track, two rails are joined end to end with a gap in between them because:
- Steel can be saved
 - Accidents due to contraction in winter can be avoided
 - Air gaps are necessary for bearing the weight of running train
 - Accidents due to expansion in summer can be avoided

- (50) Name the famous book of Ibn-Sina in which he discussed human physiology and medicine:
- Al-Qanoon
 - Al-Masudi
 - New Renaissance
 - Tadhkira

Answers

1.	c	2.	b	3.	c	4.	c	5.	c
6.	b	7.	c	8.	b	9.	a	10.	d
11.	c	12.	c	13.	d	14.	a	15.	b
16.	c	17.	b	18.	d	19.	c	20.	c
21.	a	22.	a	23.	a	24.	c	25.	a
26.	a	27.	a	28.	b	29.	d	30.	d
31.	a	32.	c	33.	d	34.	a	35.	c
36.	c	37.	a	38.	b	39.	b	40.	a
41.	c	42.	b	43.	a	44.	c	45.	b
46.	d	47.	c	48.	c	49.	d	50.	a

EVERYDAY SCIENCE CSS 2010

Question 1. Select the best option and fill in the appropriate Box on the answer sheet: (50 Marks)

- Water is heated in a kettle. The inside water is heated by convection. A person sitting near the fire receives heat by:
 - Conduction
 - Convection
 - Radiation
 - Reflection
- A time can come when we will be able to design a machine which can go on working for ever without the expenditure of energy. Is it possible?
 - No
 - Yes
 - In due course time
 - Very soon
- The measurement of rainfall is made by an instrument known as:
 - Hydroneter
 - Barometer
 - Hygroneter
 - None of these
- Light year is a unit of:
 - Distance
 - Time Period
 - Light intensity
 - Time
- Three elements needed for the healthy growth of plants are:
 - N,P,K
 - N,C,P
 - N,K,C
 - N,S,P
- Copper can be converted into gold by:
 - Heating
 - Artificial Radioactivity
 - Electroplating
 - Chemical reaction
- In winter an iron pipe feel colder than a wooden window. This is because wood is:
 - Conductor
 - Non-Conductor
 - Semi-Conductor
 - Not a solid while Iron is a solid

- (8). The echo (reflected sound) will be distinctly heard only at ordinary temperatures if the distance of the reflecting surfaces from the source of sound is at least:
 (a). 1120 ft (b). 120 ft
 (c). 56ft (d). 100 ft
- (9). It is possible to recognize a person in the dark by simply hearing his unique voice. It is because of the:
 (a). Pitch (b). Frequency
 (c). Time period (d). Quality
- (10). When a ray of sunlight enters a dark room, its straight path become visible because of dust particles hanging in the air. It is because light is:
 (a). Visible (b). Transparent
 (c). Invisible (d). opaque
- (11). A six feet tall lady wants to see her full image in a plane mirror. The minimum length of the mirror will be:
 (a). 6 feet (b). 12 feet
 (c). 4 feet (d). 3 feet
- (12). The principle used in radar is the same as that of Sonar. In radar we use radio waves; whereas in sonar we use:
 (a). Red waves (b). Infrared waves
 (c). Ultrasonic (d). Supersonic
- (13). In a fission nuclear reaction, a heavy nucleus breaks up into smaller nuclei whereas in another nuclear reaction two or more than two possibly nuclei are fused to form a heavy nucleus. This nuclear reaction is called:
 (a). Chemical Reaction
 (b). Nuclear reaction
 (c). Fission nuclear reaction
 (d). Fusion nuclear reaction
- (14). Parsec is a unit of:
 (a). Energy (b). Time
 (c). Power (d). Distance
- (15). German Silver is an alloy of:
 (a). Zn + Ni (b). Cu + Zn
 (c). Cu + Ni (d). None of these
- (16). The Continent Antarctica lies at the:
 (a). North pole
 (b). South pole
 (c). Middle of the earth
 (d). Equator
- (17). The temperature of the dead body is:
 (a). 0°C (b). 37°
 (c). room temperature
 (d). temperature of the place where it is kept
- (18). Lactometer is a type of Hydrometer which is used to measure the specific gravity of:
 (a). Honey (b). Water
 (c). Milk (d). Olive oil
- (19). Cusec is a unit of:
 (a). Area (b). Time
 (c). Distance (d). None of these
- (20). The deepest place on earth is:
 (a). Trench (b). Mariana Trench
 (c). Mangrove (d). Groove
- (21). Twinkling of stars is caused by:
 (a). Reflection of light
 (b). Polarization of light
 (c). Refraction of light
 (d). Interference of light
- (22). Magnifying power of a simple microscope can be increased by:
 (a). Increasing focal length of the lens
 (b). Decreasing focal length of the lens
 (c). Lens of large aperture
 (d). Lens of short aperture
- (23). Bronze medal is made up of metal:
 (a). Copper , Zinc (b). Copper , Nickle
 (c). Copper, Tin (d). Copper, Silver
- (24). One of the countries through which equator passes is:
 (a). Kenya (b). Pakistan
 (c). Malaysia (d). Malta
- (25). A very important practical application of properties of matter is hoeing or "godi" practiced by the farmers. This property of matter is called:
 (a). Elasticity (b). Stress
 (c). Capillarity (d). Strain
- (26). It is observed that the total pressure exerted by air on the man of average size is around 14.7 lb wt. per square inch. But the man feels quite comfortable. It is because of:
 (a). An equal and opposite pressure acts from inside
 (b). Of the height of a man
 (c). Of gravity
 (d). Earth pulls the man upward
- (27). A nuclear reactor is a device used to carry out controlled nuclear reaction whereas GM counter is a device used to detect:
 (a). Current (b). Voltage
 (c). Nuclear Radiation (d). Power
- (28). A body can escape the gravitational pull of the earth if it is thrown up with a velocity of:
 (a). 25 miles per sec (b) 60 miles per sec
 (c). 7 miles per sec (d). 10 miles per sec
- (29). Night vision is possible with the help of:
 (a). Red light (b). Violet light
 (c). Infrared Rays (d). Ultra violet Light
- (30). Myopia is a defect of human eye. it can be corrected by using a lens called :
 (a). Convex lens (b). Concave lens
 (c). Cylindrical lens (d). Plano convex lens
- (31). Walnuts can be broken in the hand by squeezing two together but not one. It is because of:
 (a). Work done (b). Power

- (c). Energy (d). Volume
- (32). The instrument which is specially designed for recording earth quake wave is called seismograph which measure earth quake waves on a
 (a). Diatonic scale (b). Fahrenheit Scale
 (c). Richter scale (d). Celsius Scale
- (33). The planet Mercury completes one rotation around the sun in
 (a). 88 days (b). 365 days
 (c). 98 days (d). 60 days
- (34). Fossils found in the lowest geological strata are generally most:
 (a). Advance (b). Complex
 (c). Primitive (d). Specialized
 (e). None of these
- (35). Evolution can be described as:
 (a). A continuing process
 (b). A catastrophic event in the past
 (c). Static
 (d). The attaining of an ideal type
- (36). What is the only source of new alleles?
 (a). Crossing over
 (b). Independent assortment
 (c). Mutation
 (d). Fertilization
- (37). Polygenic characteristic are controlled by:
 (a). Dominant genes
 (b). Recessive genes
 (c). Multiple genes
 (d). Mutated genes
- (38). Which of the following , lists the four stages of food processing in order?
 (a). ingestion , digestion , absorption , elimination
 (b). digestion , ingestion , absorption , elimination
 (c). ingestion , absorption , elimination , digestion
 (d). absorption , digestion , ingestion , elimination
- (39). In humans, most nutrient molecules are absorbed by the:
 (a). small intestine (b). stomach
 (c). liver (d). large intestine
- (40). The energy needed to fuel essential body processes is called:
 (a). Essential nutrient level
 (b). Basal metabolism
 (c). None of these
 (d). Recommended daily allowance
- (41). Which of the following is an organic molecule needed by the body in small amounts?
 (a). Protein (b). Vitamin C
 (c). Zinc (d). Monosaccharide
- (42). Inhaled air passes through which of the following in the last?
 (a). Bronchiole (b). Larynx
 (c). Pharynx (d). Trachea
- (43). Which of the following is a form of sexual reproduction?
 (a). Hermaphroditism (b). Fission
 (c). Fragmentation (d). Budding
- (44). Cobalt is a material which is:
 (a). Strongly attracted by a magnet
 (b). Not attracted by a magnet
 (c). Not a magnet
 (d). Weakly attracted by a magnet
- (45). Laughing gas has chemical composition of the following two elements which are :
 (a). Nitrogen + Hydrogen
 (b). Nitrogen + Carbon
 (c). Nitrogen + oxygen
 (d). Oxygen + Carbon
- (46). Hepatitis A is transmitted to different individuals by:
 (a). Water (b). Sneezing
 (c). Spit (d). Feces
- (47). The unit that coordinates different devices of the computer system is:
 (a). ALU (b). Register
 (c). Control unit (d). Logical instruction
- (48). The most abundant element present is in the human body is :
 (a). Nitrogen (b). Oxygen
 (c). Carbon (d). Hydrogen
- (49). Cancer can be treated by:
 (a). Antibiotics and vaccines
 (b). Radiotherapy and antibodies
 (c). Chemotherapy and radiotherapy
 (d). Antibodies and chemotherapy
- (50). Animals obtain carbohydrate mainly from:
 (a). Starch (b). Sucrose
 (c). Glucose (d). Glycogen

Answers

1.	c	2.	a	3.	d	4.	a	5.	a
6.	b	7.	b	8.	c	9.	a	10.	b
11.	a	12.	c	13.	d	14.	d	15.	d
16.	b	17.	d	18.	c	19.	d	20.	b
21.	c	22.	b	23.	c	24.	a	25.	c
26.	a	27.	c	28.	c	29.	c	30.	b
31.	a	32.	c	33.	a	34.	c	35.	a
36.	c	37.	c	38.	a	39.	a	40.	b
41.	d	42.	a	43.	a	44.	a	45.	c
46.	d	47.	c	48.	b	49.	c	50.	a

EVERYDAY SCIENCE CBS 2011

Q.1. Select the best option/answer and fill in the appropriate Box on the Answer Sheet: (50)

1. The planet of the solar system which has maximum numbers of Moon is:
(a) Jupiter (b) Venus
(c) Saturn (d) Uranus
2. Sun is a:
(a) Planet (b) Comet
(c) Satellite (d) None of these
3. The age of the solar system is
(a) 4.5 billion years
(b) 5.5 billion years
(c) 6.5 billion years
(d) 7.5 billion years
4. A unit of length equal to the average distance between the earth and sun is called
(a) Light year (b) Astronomical unit
(c) Parsec (d) Parallax
5. An eclipse of the sun occurs when
(a) The moon is between the sun and the earth
(b) The sun is between the earth and the moon
(c) The earth is between the sun and the moon
(d) The earth casts its shadow on the moon
6. The ozone layer protects the earth from rays sent by the sun:
(a) Ultraviolet rays (b) Infrared rays
(c) Gamma rays (d) radioactive rays
7. The ozone layer is present about 30 miles (50km) in atmosphere above earth. The stratum (layer) of atmosphere in which ozone layer lies is called as:
(a) Exosphere (b) Mesosphere
(c) Stratosphere (d) Ionosphere
8. Which rocks are formed by the alteration of pre-existing rocks by great heat or pressure
(a) Igneous rocks
(b) Sedimentary rocks
(c) Metamorphic rocks
(d) Acid rocks
9. The most abundant natural Iron oxides are
(a) Magnetite and Pyrite
(b) Magnetite and Bauxite
(c) Hematite and Pyrite
(d) Hematite and Magnetite
10. The most abundant elements in sea water are
(a) Sodium and Potassium
(b) Sodium and Calcium
(c) Sodium and Chlorine
(d) Chlorine and Iodine
11. An electric current can produce
(a) Chemical effect (b) Magnetic effect
(c) Heating effect (d) All of these three
12. The unit of home electricity energy consumption is:
(a) Watt hour (b) Kilowatt hour
(c) Joule hour (d) Kilojoule hour
13. The magnet always points in the same direction, if move freely i.e. towards north and south poles, because of:
(a) Gravitational field
(b) A lot of metals deposits on north and south poles
(c) Due to attraction of north pole and repulsion of Western pole
(d) Earth is a huge magnet
14. When sound is reflected from floor, ceiling or a wall, it mixes with the original sound and change its complexion, it is called as
(a) Sound (b) Echo
(c) Reverberation (d) noise
15. the speed of sound in dry air at 20 C is about
(a) 130 meters per second
(b) 230 meters per second
(c) 330 meters per second
(d) 430 meters per second
16. The speed of light in vacuum is about
(a) 300 Million meters per second
(b) 300 Million meters per hour
(c) 300 Million kilometers per second
(d) 300 Million kilometers per hour
17. The time light takes from Sun to reach Earth is:
(a) 8 minutes (b) 25 minutes
(c) 45 minutes (d) 60 minutes
18. Light from Sun travels a distance before it reaches Earth:
(a) 50 Million Km (b) 100 Million Km
(c) 150 Million Km (d) 200 Million Km
19. the most suitable thermometer for measuring the boiling point of water is:
(a) Mercury thermometer
(b) Alcohol thermometer
(c) Bimetallic thermometer
(d) Liquid crystal thermometer
20. The density of water is greatest at:
(a) 32°C (b) 0°C
(c) 4°C (d) 100°C
21. Which one of the following statements is true:
(a) Gases do not conduct heat
(b) The best conductors are non-metals
(c) Conduction currents occur only in liquids
(d) A vacuum can not conduct heat
22. Ice can be changed to water by:
(a) Adding more water molecules
(b) Changing the motion of the water molecules
(c) Rearranging the atoms in water molecules

- (d) Destroying the atoms in water molecules
23. The building blocks of elements are called:
 (a) Atoms (b) Molecules
 (c) Compounds (d) Isotopes
24. Boiling of an egg is a change which is:
 (a) Physical (b) Chemical
 (c) Physiological (d) Morphological
25. The temperature of liquid nitrogen is:
 (a) -32°C (b) -80°C
 (c) -100°C (d) -196°C
26. Which one of the following is an alkali?
 (a) water (b) vinegar
 (c) lemon juice (d) slaked lime
27. If an alkali is slowly added to an acidic solution, the pH of the acidic solution will:
 (a) Increase (b) Decrease
 (c) Increase to 7 and then decrease
 (d) Decrease to 7 and then increase
28. The usual raw material for ceramics, generally found beneath the top soil is?
 (a) Sand (b) Slit
 (c) Clay (d) Plaster of Paris
29. Polyamides are synthetic polymers commonly known as:
 (a) Synthetic rubber (b) Nylon
 (c) Cellulose (d) Protein
30. Telephone was invented in 1876 in America by:
 (a) Marconi (b) Galileo
 (c) John Beard (d) Graham Bell
31. Information can be sent over long distances in the form of:
 (a) Electrical signals through wires
 (b) Light signals through optical fibres
 (c) Radio waves through air
 (d) Any combination of these three.
32. Information can be stored in:
 (a) Audio and video cassettes
 (b) Floppy and compact discs
 (c) Hard disks
 (d) Laser and optical disks
33. Computers can:
 (a) Add and subtract information only.
 (b) Add subtract and sort information only.
 (c) Add subtract sort and classify information.
 (d) Add and subtract but cannot sort information.
 (e) Add subtract and sort but cannot classify information.
34. IBM stands for:
 (a) International Business Machines
 (b) International Big Machines
 (c) Interrelated Business Machines
 (d) Interrelated Big Machines
35. Chemicals used to kill weeds are called as:
 (a) Insecticides (b) Fungicides
 (c) Herbicides (d) Fumigants
36. The cytoplasm consists of several types of structures, which are called:
 (a) Protoplasm (b) Nucleus
 (c) Cytochromes (d) Organelles
37. The structure of DNA was elaborated by Watson and Crick in:
 (a) 1909 (b) 1923
 (c) 1945 (d) 1953
38. In a DNA molecules, the rule for base pairing is:
 (a) Adenine always bound with thymine and cytosine with guanine
 (b) Adenine always bound with cytosine and thymine with guanine
 (c) Adenine always bound with guanine and cytosine with thymine
 (d) Adenine always bound with uracil and cytosine with guanine
39. Man belongs to the family:
 (a) Felidae (b) Hominidae
 (c) Mammalia (d) Primataceae
40. Deficiency of vitamin C in human body causes a deficiency disease called:
 (a) Beriberi (b) Night blindness
 (c) Rickets (d) Scurvy
41. To measure the specific gravity of milk, the instrument used is:
 (a) Hygrometer (b) Barometer
 (c) Lactometer (d) Hydrometer
42. one of the fundamental characteristics of living organisms is:
 (a) Photosynthesis (b) Digestion
 (c) Excretion (d) Metabolism
43. Plants growing on other plants are called as:
 (a) Saprophytes (c) Epiphytes
 (b) Parasites (e) None of these.
 (d) Pathogens
44. As per eating habit, squirrels are:
 (a) Frugivorous (b) Herbivorous
 (c) Carnivorous (d) Omnivorous
45. Water loss from leaves through stomata is called as:
 (a) Evaporation
 (b) Transpiration
 (c) Evapo-Transpiration
 (d) Respiration
46. The study of how plants and animals interact with one another and with the non-living environment is called as:
 (a) Ecosystem (b) Sociology
 (c) Ecology (d) Habitat
47. The number of bones in human body is.
 (a) 200 (b) 202
 (c) 204 (d) 206
 (e) None of these.
48. Nervous system in human consists of:
 (a) Brain and spinal cord.

- (b) Brain and nerves.
 (c) Spinal cord and nerves.
 (d) Brain, spinal cord and nerves.
49. In human eye, the light sensitive layer made of specialized nerve cells, rods and cones is called as:
 (a) The pupil (b) The cornea
 (c) The sclera (d) The retina
50. Erythrocytes are also called as:
 (a) Red blood cells (b) White blood cells
 (c) Platelets (d) Plasma

Answers

1.	a	2.	d	3.	d	4.	b	5.	a
6.	a	7.	c	8.	c	9.	d	10.	c
11.	d	12.	b	13.	d	14.	c	15.	c
16.	a	17.	a	18.	c	19.	a	20.	c
21.	a	22.	c	23.	a	24.	b	25.	d
26.	d	27.	a	28.	c	29.	b	30.	e
31.	d	32.	e	33.	c	34.	a	35.	c
36.	d	37.	d	38.	a	39.	b	40.	d
41.	c	42.	d	43.	c	44.	d	45.	b
46.	c	47.	d	48.	d	49.	d	50.	a

EVERYDAY SCIENCE CSS 2012

- 1) A scientific method will seek to explain natural events and make useful prediction in
 (a) A haphazard manner
 (b) A manner design to fit the theorists or experimenters bias
 (c) A consistently reproducible manner
 (d) None of these
- 2) "Truth is the sought for its own sake. And those who are engaged upon the quest for anything for its own sake are not interested in other things. Finding the truth is difficult and the road to it is rough." this was stated by which key figure in the development of scientific method in the 11th century?
 (a) Aristotle (b) Ibn al Haytham
 (c) Plato (d) None of these
- 3) Abu Abdullah Muhammad Bin Musa Al-Khwarizmi is famous for writing the "Kitab Al Jaber Wal Muqabla" in which he
 (a) Presented the first systematic solution of linear and quadratic equations
 (b) Delineated methods of oppression & competition
 (c) Wrote the laws of optics
 (d) None of these
- 4) Gallieo Gallies was persecuted by the Catholic Church for suspicion of holding the view that:
 (a) Objects of different masses fell at the same velocity
 (b) The sun revolves around the moon

- (c) The earth was probably not the centre of the universe
 (d) None of these
- 5) The proliferation of education and dissemination of knowledge in the last two centuries has led to a faith in science that:
 (a) Causes human beings to turn on other human beings
 (b) Is the main cause of poverty and war?
 (c) Leads to oppression of education
 (d) None of these
- 6) Science attempts to:
 (a) Explains how the universe works by discovering the laws regulating everything around us
 (b) Use discovered laws to engineer new devices
 (c) Both a & b
 (d) None of these
- 7) Il-Zahrawi, the author of Kitab al-Taisir, is known as:
 (a) The father of experimental surgery
 (b) The founder of calculus
 (c) A biographer of provincial governors
 (d) None of these
- 8) Ibn Khaldun's Muqqadimah is regarded by many as:
 (a) The first work dealing with a philosophy of history
 (b) A minor footnote in his writings
 (c) A well-documented tale of his trial
 (d) None of these
- 9) A physical, mathematical or logical representation of a natural phenomenon is called
 (a) Phenomenal
 (b) A scientific model
 (c) A theoretical postulate
 (d) None of these
- 10) Isaac Newton and Gottfried Leibniz working independently in the 17th century laid the foundation of classical physics and are known as fathers of
 (a) Astrology
 (b) Relativistic theory
 (c) Integral & Differential Calculus
 (d) None of these
- 11) A light year is
 (a) A year devoid of heavy rainfall
 (b) The time taken by light to be generated & propagated from the centre of the sun to our earth
 (c) The distance covered by light in one of our solar years
 (d) None of these
- 12) Our sun is classified as
 (a) A blue giant (b) A yellow dwarf

- c) Supernova d) None of these
- 13) The sun produces most of its energy by:
 a) Nuclear fusion which involves converting "H" to "He"
 b) Nuclear fission involving the burning of uranium & plutonium
 c) Nuclear fission involving the combining of uranium and palladium
 d) None of these
- 14) Which of the following is the correct ordering of the inner planets according to their proximity to the sun
 a) Jupiter, Saturn, Uranus, Neptune
 b) Phobos, Deimos, Europa, Tias
 c) Mercury, Venus, Earth, Mars
 d) None of these
- 15) How long does our earth takes to turn about its axis
 a) One hour b) 23 hours
 c) 24 hours d) None of these
- 16) Tides are generated by
 a) The movements of ships in the oceans
 b) The gravitational effect of moon and sun on our earth
 c) The movements of the earth around the sun
 d) None of these
- 17) Seasons are generated by
 a) The movement of sun around coaxes of the milkyway
 b) The movement of the earth around the sun
 c) Relativistic quantum
 d) None of these
- 18) Although the mass of a man on moon remains same as on the earth, he will
 a) Be much happier there
 b) Weigh one sixth as much
 c) Weigh twice as much
 d) None of these
- 19) If we are at sea level, our atmosphere presses down on us with a pressure of:
 a) 1 fps b) 14.3 fps
 c) 35.8 fps d) 14.7 PSI
- 20) The efficiency of a machine is
 a) Always greater than 100%
 b) Always less than 100%
 c) Always 100%
 d) None of these
- 21) A material with high elasticity
 a) Does not returns to its original shape upon being stretched and then released
 b) Returns as close as possible to its original shape upon being stretched and then released
 c) Can be stretched to infinite distances
 d) None of these
- 22) Matter and energy
 a) Can be converted from one to the other
 b) When taken together, converted in all processes in a closed system
 c) Both a & b
 d) None of these
- 23) Electric current
 a) Flows from a higher potential to lower potential
 b) Is caused by flow of electrons
 c) Both a & b
 d) None of these
- 24) Electricity and magnetism are
 a) Two facets of same force
 b) Always opposed to each other
 c) Both a & b
 d) None of these
- 25) Ball bearing help wheels and other rotating objects
 a) Move without consuming any energy
 b) Rotate more easily and with less friction
 c) Both a & b
 d) None of these
- 26) Photography works by
 a) Capturing the souls of the objects being photographed
 b) Capturing light reflected from the object being photographed
 c) Both a & b
 d) None of these
- 27) Arthur C. Clarke, the famous science fiction author, while working as a radio operator in the British army in world war-ii
 a) Proposed building a space elevator from carbon mono-filaments
 b) Postulated the existence of extra-terrestrial artifacts on the moon
 c) Proposed that a network of satellites in stationary orbit at very high altitudes around the earth be used to bounce communication signals all over the world
 d) None of these
- 28) The Sino Pakistani JF-17 thunder aircraft:
 a) Is a commercial transport aircraft
 b) Is neither built nor assembled in Pakistan
 c) Has no stealth features in its engine inlets or elsewhere
 d) None of these
- 29) Communication satellites are in
 a) Geostationary orbit
 b) Geosynchronous orbit
 c) Semi synchronous orbit
 d) None of these
- 30) RAM of a computer is refers to:
 a) Read Access Memory
 b) Right Access Memory
 c) Random Access Memory

- 31) Which of the following is responsible for transporting oxygen in the blood
 a) White Blood Cells----WBC
 b) Neutrophils
 c) Red Blood Cells-----RBC
 d) None of these
- 32) Which of the following is true for hormones?
 a) All proteins are hormones
 b) All hormones are proteins
 c) All hormones are amino acids
 d) None of these
- 33) Prokaryotes have which of the following structures?
 a) Nucleus
 b) Mitochondria
 c) Chloroplast
 d) None of these
- 34) Diversity in which of the following groups is not due to artificial selection?
 a) Wheat
 b) Dogs
 c) Cats
 d) None of these
- 35) Arachnophobia is refer to a fear of
 a) Spiders
 b) Snakes
 c) Bats
 d) None of these
- 36) Which of the following is a part of DNA?
 a) dGTP
 b) dADP
 c) dTMP
 d) None of these
- 37) In humans the "y" chromosome is passed to the next generation from
 a) Father to son
 b) Mother to son
 c) Father to daughter
 d) None of these
- 38) Which of the following is a mammal?
 a) Blue tuna
 b) Sword fish
 c) Whale
 d) None of these
- 39) Female ovary are:
 a) Haploid
 b) Diploid
 c) Triploid
 d) None of these
- 40) Which of the following is not a part of DNA?
 a) Thymine
 b) Adenine
 c) Ribose
 d) None of these
- 41) Which of the following is a labeled as "good cholesterol" for humans?
 a) High-density lipoprotein-----HDL
 b) Low density lipoprotein----- LDL
 c) Very Low Density Lipoprotein -----VLDL
 d) None of these
- 42) Which of the following is an infectious disease
 a) Deafness
 b) Blindness
 c) Baldness
 d) None of these
- 43) Which of the following is a non-essential amino acid?
 a) Almine
 b) Methenamine
 c) Tyrosine
 d) None of these

- 44) Starting from higher choose the correct sequence of molecules in order of energy yielding
 a) Sugar, fats, protein
 b) Protein, sugar, fats
 c) Fats, sugar, protein
 d) None of these
- 45) Which of the following is not a part of protein?
 a) Glutamic acid
 b) Sulphuric acid
 c) Aspartic acid
 d) None of these
- 46) The highest source of omega-3 fatty acid is
 a) Fish oil
 b) Corn oil
 c) Sunflower oil
 d) None of these
- 47) Which of the following gas is essential for human
 a) Carbon dioxide
 b) Nitrogen
 c) Oxygen
 d) None of these
- 48) Proteins are made up of
 a) Polynucleotide
 b) Polypeptide
 c) Polyacetylene
 d) None of these
49. Schizophrenia is a Mental disease
50. Which of the following are founded in the nucleus?
 a) Lysosomes
 b) Chromosomes
 c) Ribosomes
 d) None of these

Answers

1	c	2	b	3	a	4	d	5	b
6	c	7	a	8	a	9	b	10	d
11	c	12	b	13	a	14	a	15	c
16	b	17	b	18	b	19	d	20	b
21	a	22	a	23	c	24	c	25	b
26	c	27	c	28	d	29	a	30	c
31	c	32	b	33	a	34	c	35	c
36	c	37	a	38	c	39	b	40	d
41	a	42	b	43	c	44	b	45	b
46	a	47	c	48	b	49		50	b

EVERYDAY SCIENCE CSS 2013

- Who proposed the concept "All motion is relative"?
 a. Albert Einstein
 b. John Kepler
 c. Galileo Galilei
 d. None
- The field of specialization of famous Muslim scientist Abu Usman Al Jahiz was:
 a. Botany
 b. Zoology
 c. Astronomy
 d. None
- Albatross is:
 a. A sea bird
 b. A beetle
 c. A fruit
 d. None
- The sunlight can reach a depth of meters in the ocean:
 a. 100
 b. 80
 c. 120
 d. 200 – 1000

5. The biggest planet in our solar system is:
 - a. Venus
 - b. Pluto
 - c. Jupiter
 - d. None
6. The biggest species of the cat family is:
 - a. Tiger
 - b. Lion
 - c. Leopard
 - d. None
7. Which group of animals has heterogametic females?
 - a. Domestic fowl
 - b. Earthworm
 - c. Rabbit
 - d. None
8. The dominant phase of life cycle in these organism is haploid:
 - a. Mosses
 - b. Bacteria
 - c. Protoza
 - d. None
9. The atmosphere of moon consists of:
 - a. 90% Hydrogen, 10% Nitrogen
 - b. 80% Nitrogen, 20% Hydrogen
 - c. 60% Nitrogen, 40% inert gases
 - d. None
10. The chemical name of quartz is:
 - a. Silicon Dioxide
 - b. Stannous Oxide
 - c. Aluminum Oxide
 - d. None
11. Which month of calendar year can lack a new moon?
 - a. December
 - b. February
 - c. May
 - d. None
12. Deuterium differs from Hydrogen in having:
 - a. Different atomic number but same atomic weight
 - b. Different atomic number and different atomic weight
 - c. Same atomic number and different atomic weight
 - d. None
13. One of the following is a water soluble vitamin:
 - a. Vitamin A
 - b. Vitamin D
 - c. Vitamin K
 - d. None
14. Coulomb is the scientific unit to measure:
 - a. Velocity
 - b. Temperature
 - c. Mass
 - d. Electric charge
15. Equator passes through one of these countries:
 - a. Saudi Arabia
 - b. Italy
 - c. Japan
 - d. Indonesia
16. Anti Diuretic hormone is secreted by one of the following glands:
 - a. Pituitary
 - b. Pancreas
 - c. Thyroid
 - d. None
17. Basha Dam is to be constructed on:
 - a. River Sutlaj
 - b. River Jhelum
 - c. River Chenab
 - d. Indus River
18. UV light falls in the category of:
 - a. Ionizing Radiations
 - b. Non Ionizing Radiation
 - c. Visible light
 - d. None
19. The earth's is divided into 15 major plates of various sizes:
 - a. Mesosphere
 - b. Stratosphere
 - c. Lithosphere
 - d. None
20. One of these scientists formulated basic laws of Geometry:
 - a. Pythagorus
 - b. Archimedes
 - c. Aristotle
 - d. None
21. Phosphorus is an essential component of one of the following biological molecules:
 - a. Amino acids
 - b. Nucleic acids
 - c. Carbohydrates
 - d. None
22. He was the first scientist to prove that planets move around the sun:
 - a. Archimedes
 - b. Galileo Galilei
 - c. John Kepler
 - d. None
23. Atom is made up of different kinds of subatomic particles:
 - a. Three
 - b. Two
 - c. Four
 - d. None
24. Uranium is best used as nuclear fuel in one of the following forms:
 - a. U-235
 - b. U 237
 - c. U 238
 - d. None
25. The alpha particles are compact clusters of:
 - a. Electron and Proton
 - b. Two Protons and two Neutrons
 - c. Three protons and three Neutrons
 - d. None
26. The Beta particles are fast moving
 - a. Protons
 - b. Electrons
 - c. Neutrons
 - d. None
27. One of the following countries produces maximum energy from atomic reactors:
 - a. France
 - b. USA
 - c. UK
 - d. none
28. The unit to measure the quantity of Ozone in atmosphere is
 - a. Dobson
 - b. Dalton
 - c. Coulomb
 - d. none
29. The severity of 2005 earthquake in Pakistan on Richter scale was
 - a. 6.9
 - b. 7.6
 - c. 7.1
 - d. none
30. Geiger-Muller counter is used to detect:
 - a. Protons
 - b. Neutrons
 - c. Photons
 - d. none
31. Vacuum tubes have been replaced by:
 - a. Conductors
 - b. Diodes
 - c. Transistors
32. Dacron is
 - a. Polyethylene
 - b. Epoxy
 - c. Polyamide
 - d. none
33. It is a secondary plant nutrient:
 - a. Nitrogen
 - b. Phosphorus
 - c. Sulphur
 - d. none

34. An area of microbiology that is concerned with the occurrence of disease in human population is
 a. Immunology b. Paracitology
 c. Epidemlology d. none
35. The number of electrons of a neutral atom is automatically known if one knows the:
 a. Atomic number b. Atomic weight
 c. Number of orbitals d. none
36. Which of the following is not an enzyme?
 a. Chemotrypsin b. Secretin
 c. Pepsin d. none
37. It is impossible for a type of O+ baby to have a type of mother:
 a. AB - b. O -
 c. O+ d. none
38. Serum if blood plasma minus its:
 a. Calcium ions b. Clotting proteins
 c. Globulins d. none
39. The autonomic nervous system innervates all of these except:
 a. Cardiac muscles b. Skeletal muscles
 c. Smooth muscles d. none
40. The damage to the nerve could result in the defect of the eye movement:
 a. Optic b. Trigeminal
 c. Abduces d. none
41. Which of these is not a region of the spinal cord?
 a. Thoracic b. Pelvic
 c. Lumbar d. none
42. The shape of the external ear is due to:
 a. Elastic cartilage b. Fibrocartilage
 c. Articular cartilage d. none
43. The external surface of the stomach is covered by
 a. Mucosa b. Serosa
 c. Parietal peritoneum d. none
44. Which of the following is not a human organ system?
 a. Integumentary b. Muscular
 c. Epithelial d. none
45. Which of the following does not vary predictably with the depth of the aquatic environment?
 a. Salinity b. Temperature
 c. Penetration by sunlight d. none
46. The quantity of available nutrientsfrom the lower levels of the energy pyramids to the higher ones.
 a. Increases b. decreases
 c. remains stable d. none
47. Which of the following is not a major sub division of the biosphere?
 a. Hydrosphere b. Stratosphere

- c. Lithosphere d. none
48. Vaccination is synonymous with Immunity.
 a. Natural active b. Artificial passive
 c. Artificial active d. none
49. When a patient's immune system becomes reactive to a drug, this is an example of:
 a. Super infection b. Drug resistance
 c. Allergy d. none
50. What is the smallest unit of heredity?
 a. Chromosomes b. Gene
 c. Nucleotides d. none

Answers

1	a	2	b	3	a	4	d	5	c
6	a	7	a	8	a	9	c	10	a
11	b	12	c	13	d	14	d	15	d
16	a	17	d	18	a	19	c	20	a
21	b	22	d	23	a	24	a	25	b
26	b	27	a	28	a	29	b	30	b
31	c	32	a	33	c	34	c	35	a
36	d	37	a	38	b	39	d	40	c
41	b	42	a	43	c	44	c	45	a
46	b	47	b	48	b	49	c	50	b

EVERYDAY SCIENCE CSS 2014

Choose the one alternative the best completes the statement or answer the question. (1 each)

- Who was the early dentist and also inventor of many surgical instruments?
 (a) Avicenna
 (b) Al-Zahrawai Abulcasis
 (c) Ibn al-Haytham
 (d) Al-Jahiz
- The echo of Big Bang can be heard in the form of:
 (a) Comic rays (b) Gama rays
 (c) Microwave radio signals
 (d) Infrared radiations
- Omar Khayyam was a
 (a) Poet (b) Mathematician
 (c) Astronomer (d) All of these
- Who was the first Muslim mathematician who used "Zero"?
 (a) Ahmad Ibn al-Baitar
 (b) Ibn Rushd
 (c) Ibn al-Haytham
 (d) Al Khwarizmi
- Why some nebulae shine?
 (a) Because they emit light
 (b) Due to burning process
 (c) Because they contain bright stars
 (d) Because they reflect light
- A shooting star is.
 (a) Sun (b) A comet
 (c) A meteor (d) An asteroid

7. A 'clinical death; takes place when:
 (a) There is no pulse
 (b) There is no heart beat
 (c) Pupils are fixed and dilated and there is no reaction to light
 (d) All of above
8. What is Hubble Classification?
 (a) Classification of stars
 (b) Classification of planets
 (c) Classification of galaxies
 (d) Classification of earth's zones
9. Sun rises in the east and sets in the west due to the:
 (a) Shape of earth
 (b) Rotation of earth around the sun
 (c) Rotation of earth on its axis
 (d) Movement of the sun
10. Cyclones occurs due to _____:
 (a) Sudden heavy floods
 (b) No rain for a long period
 (c) Heavy showers
 (d) Violent wind and rain
11. From an ecological point of view, human beings are considered _____.
 (a) Decomposers (b) Consumers
 (c) Producers (d) All of these
12. The major cause of land pollution is _____.
 (a) Pesticides (b) Chemical fertilizers
 (c) Insecticides (d) All of these
13. The sharp-bitter taste of unripe fruits is due to a high concentration of _____.
 (a) Phenolic compounds
 (b) Volatile compounds
 (c) Organic acids (d) Starch
14. The use of antibiotics is a very effective way of killing the disease-causing bacteria. Sometimes, people don't finish their dosage of pills. This can result in _____.
 (a) Some bacteria being left around the body.
 (b) The production of more bacteria.
 (c) Bacteria becoming sensitive to antibiotics
 (d) Bacteria becoming resistant to antibiotics
15. What name is given to flesh eaters?
 (a) Omnivores (b) Carnivores
 (c) Herbivores (d) Scavengers
16. Chromosomes are made up of:
 (a) DNA only (b) DNA & RNA
 (c) Proteins only
 (d) DNA, RNA & Proteins only
17. How can plants be made disease resistant?
 (a) Heat Treatment (b) Hormone treatment
 (c) Colchicine's treatment
 (d) Breeding with their wild relatives
18. The important ingredient used in vicks vapor rub is obtained from the plant:
 (a) Cinamomum camphora
 (b) Cinamomum zelicum
- (c) Curaima longa (d) All of these
19. Which of the following is both, an endocrine and exocrine gland?
 (a) Thyroid (b) Pancreas
 (c) Parathyroid (d) All of these
20. The process by which a small quantity of impurities is added into a semiconductor is called:
 (a) Addition (b) Conduction
 (c) Doping (d) Insulating
21. Which of the following is a semiconductor?
 (a) Mercury (b) Magnesium
 (c) Silver (d) None of these
22. What is a silverfish?
 (a) A fish (b) An Insect
 (c) A Reptile (d) An Amphibian
23. Satiety is the condition in which the patient lacks the desire to _____.
 (a) Drink (b) Eat
 (c) Sleep (d) Talk
24. What is the function of iron in our body?
 (a) Provide strength (b) Oxygen transport
 (c) Help in hydrolysis (d) Breakdown fats
25. A non-communicable disease is called _____.
 (a) Endemic (b) Acute
 (c) Chronic (d) Innate
26. Vitamins, A, D, E and K are called:
 (a) Water soluble vitamins
 (b) Primary vitamins
 (c) Basic vitamins
 (d) Fat soluble vitamins
27. Which if the following is quickest, most readily available source of energy for the body?
 (a) Protein (b) Carbohydrate
 (c) Lipid (d) Vitamins
28. The sum of kinetic energy and potential energy of an oscillating body is _____.
 (a) Maximum in the beginning
 (b) Constant at all points
 (c) Maximum at midway of the path
 (d) Minimum in the beginning
29. Which psychological term is generally used to refer to emotional disorders such as, anxiety, depression and phobia?
 (a) Psyche (b) Hypnosis
 (c) Neurosis (d) Mental illness
30. all Alkali metals react with water to form:
 (a) Oxides (b) Peroxides
 (c) Hydroxides (d) Hyper oxides
31. LASER stands for _____.
 (a) Light amplification by standard emission of light.
 (b) Light absorption stimulated entrance of radiation.
 (c) Light amplification by stimulated emission of radiation

- (d) Light absorption by standard emission of radiation.
32. If carbon dioxide is passed through lime water for a long time, the cloudy white color (initially formed) disappears because of the formation of _____.
- (a) Calcium bicarbonate
(b) Calcium hydroxide
(c) Calcium carbonate
(d) Calcium sulphate
33. Permanent hardness of water is due to the presence of _____.
- (a) Calcium bicarbonate
(b) Magnesium bicarbonate
(c) Calcium Sulphate
(d) Sodium bicarbonate
34. Articles made of copper and bronze slowly tarnish in air and turn green, the green color is due to the formation of:
- (a) Copper oxide
(b) Basic Copper sulphide
(c) Copper oxalate (d) AH of these
35. Why does bleaching powder lose its power after being kept for a long time?
- (a) It changes into calcium hypochlorite
(b) It changes into calcium chloride and calcium hydroxide
(c) It absorbs moisture
(d) It changes into calcium chloride and calcium chlorate
36. When the quantity of charge on each of the two bodies is doubled, the force between them becomes:
- (a) Half (b) Doubles
(c) One fourth
(d) Four times more than original
37. Light year is related to _____.
- (a) Time (b) Distance
(c) Energy (d) Speed
38. The word 'ceramic' means _____.
- (a) Hard material (b) Soft material
(c) Dry material (d) Burnt material
39. The operation of a solar cell is based on:
- (a) Laser technology
(b) Photoconduction
(c) Thermal emission (d) Tyndall effect
40. What is the minimum number of bits required to store hexadecimal number AF is?
- (a) 2 (b) 4
(c) 8 (d) 16
41. Which of the following minerals is most resistant to chemical weathering?
- (a) Olivine (b) Quartz
(c) Hornblende
(d) Potassium feldspar
42. If an igneous rock cuts across a sedimentary rock, we know that the igneous rock is
- (a) Older than the sedimentary rock

- (b) Younger than the sedimentary rock
(c) The same age as the sedimentary rock
(d) A minimum of 1.2 million years ago.
43. The discipline which deals with the understanding and treatment of mental health is called:
- (a) Applied Psychology
(b) Clinical Psychology
(c) Psychoanalysis
(d) Psychiatry
44. Why should the overcooking of food be avoided?
- (a) It makes the food difficult to digest.
(b) It makes the food taste bad
(c) It increases the nutritive value of food
(d) It reduces the nutritive value of food
45. Optical fiber operates on the principle of _____.
- (a) Tyndall effect (b) photoelectric effect
(c) Laser technology
(d) Total internal reflecting
46. The sensation of the skin is perceived by _____.
- (a) Epidermis (b) The dermis
(c) Endodermis (d) None of these
47. The loudness of sound depends on its _____.
- (a) Wavelength (b) Frequency
(c) Amplitude (d) All of these
48. A person standing in front of a mirror finds his image smaller than him, as well as erect. This implies that the mirror is _____.
- (a) Plane (b) Concave
(c) Convex (d) Not of good quality
49. The densities of three liquids are D, 2D, 3D. What will be the density of the resulting mixture of equal volumes of the three?
- (a) 1.5D (b) 2D
(c) 3D (d) 6D
50. Which of the following is a conventional designation of a pre released software?
- (a) Raw (b) Alpha
(c) Omega (d) Beta

Answers

1.	b	2.	c	3.	d	4.	d	5.	d
6.	c	7.	d	8.	c	9.	c	10.	d
11.	b	12.	d	13.	c	14.	d	15.	b
16.	d	17.	b	18.	a	19.	b	20.	c
21.	d	22.	b	23.	b	24.	b	25.	c
26.	d	27.	b	28.	b	29.	c	30.	c
31.	c	32.	a	33.	c	34.	b	35.	d
36.	d	37.	b	38.	a	39.	b	40.	b
41.	b	42.	b	43.	a	44.	d	45.	d
46.	a	47.	c	48.	b	49.	b	50.	d

EVERYDAY SCIENCE CSS 2015

Choose the one alternative the best completes the statement or answer the question. (1 each)

1. The slope low lying area of ocean near highland is:
(a) Coastal Plane (b) Desert plane
(c) Ocean belt (d) None of these
2. The relative motion between observer and frequency is called:
(a) Relative velocity
(b) Uniform velocity
(c) Doppler effect (d) None of these
3. The source of energy of brain is:
(a) Fats (b) Glucose
(c) Starch (d) Carbohydrates
4. The ready source of energy for athletes is:
(a) Fats (b) Glucose
(c) Starch (d) Carbohydrates
5. Arthritis is:
(a) Inflammation of joints
(b) Disorder of brain
(c) Biological death of man
(d) None of these
6. Dengue is caused by
(a) Aedes Aegyptus (b) Anophilles
(c) Barinohils (d) None of these
7. The solid and liquid can be separated by the process of:
(a) Distillation (b) Magnetism
(c) Filration (d) None of these
8. The composition of sun is 91% Hydrogen and Helium and Heavy metals ratio is:
(a) 8.9% (b) 8.6%
(c) 9.3% (d) None of these
9. Accessory gland close of digestive system close to duodenum is:
(a) Pituitary gland (b) Liver
(c) Pancreas (d) None of these
10. Fat soluble vitamins are:
(a) Vitamin A (b) Vitamin E
(c) Vitamin D (d) All of these
11. The protein content of edible part of egg is:
(a) 13% (b) 13.3%
(c) 14% (d) 14.5%
12. Very High frequency (VHF) has _____ wavelength.
(a) Shorter (b) Shortest
(c) Longer (d) Longest
13. How Asthma is provoked:
(a) Allergy (b) Anti Allergic
(c) Antibiotics (d) All of these
14. Which material conduct heat and electricity:
(a) Plastic (b) Gas
(c) Solid (d) None of these
15. In how much time Earth rotates around its axis?
(a) 1 year (b) 1 day
(c) 12 hours (d) 6 months
16. In how much time Earth complete its round to sun?
(a) 1 year (b) 1 day
(c) 12 hours (d) 6 months
17. Which colored eye doesn't have pigment?
(a) Red (b) Blue
(c) Yellow (d) Green
18. A person who writes computer program called:
(a) Programmer (b) Computer Master
(c) Scriptor (d) None of these
19. Long sight defect could be corrected by using _____ lens.
(a) Concave (b) Convex
(c) Diverging (d) None of these
20. For a fixed mass of gas at constant temperature, if we decrease volume, the pressure will:
(a) Decrease (b) Increase
(c) Constant (d) None of these
21. In general, the most destructive earthquake waves are the:
(a) Primary Waves
(b) Surface Waves
(c) Secondary Waves
(d) None of these
22. Rearing of honey bees for honey production is called?
(a) Sericulture (b) Apiculture
(c) Viticulture bees culture
(d) None of these
23. Scientific name of human is:
(a) Homo Sapiens (b) Mono Saptens
(c) Bio Sapiens (d) Cosmopolitan
24. Insufficient blood supply in human body is referred as:
(a) Ischemia (b) Hyperemia
(c) Hemostasia (d) Hemorrhage
25. The type of glass used in making lenses and prism is:
(a) Pyrex glass (b) Jena glass
(c) Flint glass (d) Soft glass
26. Cell or tissue death within a living body is called:
(a) Neutrophilia (b) Nephrosis
(c) Necrosis (d) Neoplasia
27. The post-mortem examination of body is called:
(a) Etymology (b) Autopsy
(c) Anatomy (d) None of these
28. The luster of diamond is due to:
(a) Reflection
(b) Total internal reflection
(c) Refraction (d) None of these
29. Ombrophobia is fear of:
(a) Rain (b) Smog
(c) Snow (d) None of these

30. Which creature is the symbol of Medicine:
 (a) Cat (b) Lizard
 (c) Snake (d) None of these
31. Which metal is added to steel to make stainless steel:
 (a) Chromium (b) Aluminum
 (c) Carbon (d) None of these
32. P-Waves is the term associated with:
 (a) Earthquakes (b) Oceans
 (c) Wind (d) None of these

Answers

1.	a	2.	c	3.	b	4.	d	5.	a
6.	a	7.	c	8.	a	9.	c	10.	d
11.	b	12.	a	13.	a	14.	c	15.	b
16.	a	17.	b	18.	a	19.	b	20.	b
21.	b	22.	b	23.	a	24.	a	25.	c
26.	c	27.	b	28.	b	29.	a	30.	c
31.	a	32.	a						

EVERYDAY SCIENCE CSS 2016

Choose the one alternative the best completes the statement or answer the question. (1 each)

- Which of the following does not vary predictably with the depth of the aquatic environment?
 (a) Salinity (b) Temperature
 (c) Penetration by sunlight
 (d) None of these
- The ozone layer protects the earth from _____ sent by the sun.
 (a) Ultraviolet rays (b) Infrared rays
 (c) Gamma Rays (d) Radioactive rays
- The ozone layer is present in atmosphere above earth. The stratum (layer) of atmosphere in which ozone layer lies is called
 (a) Exosphere (b) Mesosphere
 (c) Stratosphere (d) Ionosphere
- One of the main functions of the earth's ozone layer is to
 (a) Prevent global warming
 (b) Filter out ultraviolet rays
 (c) Absorb pollution
 (d) All of the above
- The Pakistani population receives the largest dose of ionizing radiation from:
 (a) Neutral sources
 (b) Fallout from nuclear weapons testing
 (c) Nuclear medicine
 (d) Nuclear power plants.
- Which are air pollutants?
 (a) Aerosols (b) Sewage
 (c) DDT (d) Fertilizers
- Which of the following does not cause soil erosion?
 (a) Wind (b) Overgrazing

- The gas associated with global warming is:
 (a) CO₂ (b) H₂S
 (c) CH₄ (d) SO₂
- In water pollution, industries are said to be the:
 (a) Line sources (b) Point sources
 (c) Area sources (d) None of these
- Among the following, the only secondary pollutant is:
 (a) Sulphur peroxide
 (b) Sulphur dioxide (SO₂)
 (c) Ozone
 (d) None of these
- Which of the following groups of plants can be used as indicators of SO₂ pollution of air?
 (a) Epiphytic lichens
 (b) Ferns
 (c) Liverworts
 (d) Hornworts
- Prevailing winds affect a region's climate by:
 (a) Creating desert areas
 (b) Causing more precipitation on one side of a mountain
 (c) Affecting how much precipitation it receives
 (d) Controlling the amount of solar energy it receives.
- Carbohydrate content in potato (per 100g) is:
 (a) 18g (b) 20.13g
 (c) 25g (d) 26g
- Which refrigerant is commonly used in cold storage in our country?
 (a) Ethylene (b) Carbide
 (c) Liquid Ammonia (d) Sodium Benzoate
- Those at greatest risk for food-borne illness include:
 (a) Infants and children
 (b) Pregnant woman
 (c) Immuno-suppressed individuals
 (d) All of the above
- One of the following is a water soluble vitamin:
 (a) Vitamin A (b) Vitamin D
 (c) Vitamin K (d) None of these
- Mango variety having strong flavor is:
 (a) Sindhri (b) Chaunsa
 (c) Langra (d) Fazh
- Proteins are made up of:
 (a) Polynucleotide (b) Polypeptide
 (c) Oxyacetylene (d) None of these
- Pineapple variety suitable for canning is:
 (a) Queen (b) Kew
 (c) Mauritius (d) Cyenne
- Richest source of Riboflavin is:
 (a) Papaya (b) Mango
 (c) Bael (d) Karonda

Answers

1.	a	2.	a	3.	c	4.	c	5.	a
6.	a	7.	c	8.	a	9.	a	10.	c
11.	a	12.	c	13.	a	14.	c	15.	d
16.	d	17.	c	18.	b	19.	b	20.	c

CSS GSA 2017

1. According to Environmental Protection Agency a newspaper can be recycled how many times?
a. 5 to 7 b. 6 to 9
c. 5 to 10 d. 4 to 7
2. Blood clotting happens in which part of the human body?
a. Arteries b. Veins
c. Bone Marrow d. Lungs
3. Shortsightedness can be removed by using which of the following lens?
a. Concave lens b. Convex lens
c. Diametric Lens d. None
4. The color of sky appears blue owing to which phenomena:
a. Refraction b. Reflection
c. Scattering d. Diversion
5. Phosphorous is a stimulating agent which helps the _____ grow?
a. Roots b. Leaves
c. Seeds d. Stem
6. Plaster of Paris contains which of the following minerals in abundance?
a. Bauxite b. Alumnite
c. Gypsum d. none of these
7. Radar uses _____ waves to determine the range, angle and velocity of objects:
a. Radio b. Micro
c. Ultraviolet d. Magnetic
8. Sonar is a technique used to measure:
a. Ocean Depth b. Speed of light
c. UV rays d. Light year
9. Which of the following branches deal with atomic nuclei?
a. Atomic Physics b. Nuclear Physics
c. Sub Atomic Physics d. None of these
10. Lockjaw is a medical term associated with which disease:
a. Hepatitis b. Tetanus
c. Leukemia d. None of these
11. Sulfuric acid was synthesized by:
a. Jabir Bin Hayan b. Abu Rehan Alberuni
c. Ibn-e- Batuta d. None of these
12. Which planet is nearest to earth:
a. Mercury b. Venus
c. Mars d. Jupiter
13. Which gas is used for the ripening of fruits:
a. Methane b. Methylene
c. Ethylene d. Propylene

14. Whitewash is a paint made from chalk and
a. Sandstone b. Slaked lime
c. Caustic soda d. None of these
15. Which of the following catalysts is used to convert Oil into Ghee:
a. Nickel b. Chromium
c. Phosphorous d. None of these
16. Largest part of the human brain is:
a. Cranium b. Cerebrum
c. Temporal Lobe d. None of these
17. Oncology is the study of:
a. Brain b. Cancer
c. Lungs d. Heart
18. Vitamin C is known as:
a. Ascorbic Acid b. Riboflavin
c. Thiamine d. Acetic Acid
19. The metal used in storage batteries is:
a. Ferrous b. Lead
c. Graphite d. Potassium
20. Atmospheric pressure at sea level is:
a. 540mm of Hg b. 760mm of Hg
c. 1760mm of Hg d. 680mm of Hg.

Answers

1.	a	2.	b	3.	b	4.	c	5.	a
6.	c	7.	a	8.	a	9.	b	10.	b
11.	a	12.	b	13.	c	14.	b	15.	a
16.	b	17.	b	18.	a	19.	b	20.	b

CSS GSA 2018

- (1) Time taken by earth to rotate around its axis:
(a) 8.6×10^4 sec (b) 8.15×10^3 sec
(c) 8.6×10^2 sec (d) 3.15×10^2 sec
- (2) Which is the formula of Ozone:
a) O_3 b) O_2
c) O^3 d) O^2
- (3) Antibiotic drugs are used for the treatment of:
a) Viral diseases
b) Bacterial diseases
c) Pathogens
d) Fungi
- (4) The calories needed per day by Humans for maintaining body weight are:
a) 2500 b) 3500
c) 4500 d) 2000
- (5) Transfer of one electron takes place in which bonding:
a) Covalent b) Ionic
c) Metallic d) Molecular
- (6) According to World Meteorological Organization, Climate change is the measurement of certain variable over a period of:
a) 20 years b) 30 years
c) 40 years d) 50 years

- (7) Cyclones are caused by:
 a) Low pressure b) Humidity
 c) High Pressure d) All of these
- (8) Light year is the unit of:
 a) Force b) Light Intensity
 c) length d) Area
- (9) Alternate energy resources include:
 a) Tidal Energy b) Biomass
 c) Wind Energy d) All of these
- (10) Enzymes are made of:
 a) Glucose b) Proteins
 c) Carbohydrates d) none
- (11) Which device is used to measure pressure:
 a) Hygrometer b) Barometer
 c) Hydrometer d) Pyrometer
- (12) Astronomical unit is the average distance between earth and sun, which is about:
 a) 1.48×10^{10} m b) 1.48×10^{11} m
 c) 1.48×10^9 m d) 1.48×10^6 m
- (13) Harmful microorganisms are also called:
 a) Fungus b) Pathogens
 c) Protozoa d) Algae
- (14) The color of sky appears blue owing to which phenomena:
 a) Refraction b) Reflection
 c) Scattering d) Diversion
- (15) During combustion of petrol in the car, which energy is used:
 a) Chemical Energy
 b) Electrical Energy
 c) Mechanical Energy
 d) None of these
- (16) Dengue fever is transmitted by which mosquito:
 a) Haemagogus Mosquito
 b) Tiger Mosquito c) White Mosquito
 d) None of these
- (17) Earth rotates from:
 a) West to East b) East to West
 c) West to South d) North to West
- (18) Two types of waves are created during earthquakes, Bodily waves and surface waves. Destruction is caused by:
 a) Surface wave b) Body waves
 c) Both of these d) None of these
- (19) Radio waves are reflected by which part of atmosphere:
 a) Thermosphere b) Mesosphere
 c) Ionosphere d) Stratosphere
- (20) Remote Sensing can be done using:
 a) Spaceship b) Satellites
 c) Radars
 d) Processing station

Answers

1.	a	2.	a	3.	b	4.	a	5.	b
6.	b	7.	a	8.	c	9.	d	10.	b
11.	b	12.	b	13.	b	14.	c	15.	a
16.	b	17.	a	18.	a	19.	c	20.	b

CSS GSA 2019

- How many bones are there in an adult human body?
 (a) 306 (b) 206
 (c) 300 (d) 360
- How many bits are needed to store the hexadecimal word AF?
 (a) 8 (b) 9
 (c) 11 (d) 14
- Permanent hardness of water is caused due to presence of dissolved
 (a) Magnesium bicarbonate
 (b) Calcium bicarbonate
 (c) Magnesium Chloride
 (d) None of these
- Human beings secrete which compound as the nitrogenous waste product?
 (a) Ammonia (b) Urea
 (c) Ammonium Sulphate
 (d) All of these
- Pinpoint the control rod which is used in nuclear reactor?
 (a) Uranium (b) Cadmium
 (c) Silicon (d) Graphene
- If a version of a piece of software is made available for testing it is called?
 (a) Alpha version (b) Beta version
 (c) Gamma version (d) None
- Unavailability of useful energy is called?
 (a) Entropy
 (b) Enthalpy
 (c) Latent Heat of vaporization
 (d) Latent heat of fusion
- Which among the following countries lie on equator?
 (a) South Sudan (b) India
 (c) Kenya (d) Ethiopia
- Which vessel in human body carries blood to the liver?
 (a) Hepatic Portal Vein
 (b) Inferior Vena Cava
 (c) Spleen
 (d) None of these
- What is not included in the Earth's environment?
 (a) Stratosphere (b) Lithosphere
 (c) Ionosphere (d) None
- Anthracite is also referred as:
 (a) Soft Coal (b) Hard Coal

- (c) Brittle Coal (d) None
12. The average adult has how many liters of blood?
 (a) 5-6 litres (b) 4-5 litres
 (c) 10-15 litres (d) None
13. Hydrogen ion is produced by:
 (a) Base (b) Acid
 (c) Alkali (d) None
14. Cellular portion of blood consists of
 (a) Red Blood Cell (b) White Blood Cell
 (c) Platelets (d) All of above
15. What are three important nutrients for a plant to grow?
 (a) Potassium (b) Nitrogen
 (c) Phosphorus (d) All of these
16. Light year is the unit of
 (a) Time (b) Distance
 (c) Energy (d) Depth
17. Deficiency of Vitamin D results in:
 (a) Night blindness (b) Rickets
 (c) Scurvy (d) None
18. Gerontology is the scientific study of:
 (a) Process of Ageing (b) Young minds
 (c) DNA
 (d) None of these
19. Atomic number is also called?
 (a) Electron Number (b) Nucleus Number
 (c) Proton Number (d) both b and c
20. Which is/are the example(s) of warm blooded animal?
 (a) Dolphin (b) Frog
 (c) Shark (d) All of these

Answers

1.	b	2.	a	3.	c	4.	b	5.	b
6.	b	7.	a	8.	c	9.	a	10.	d
11.	b	12.	b	13.	b	14.	d	15.	d
16.	b	17.	b	18.	a	19.	c	20.	a

CSS GSA 2020

Q. 1: Choose the correct option:

- 1) What is the shape of Milky way galaxy?
 a. Spiral (b) Circular
 c. Elliptical (d) None of these
- 2) Which of the following instrument is used to measure humidity?
 a. Hydrometer (b) Hygrometer
 c. Sphygmomanometer
 d. None of these
- 3) Which of the following electromagnetic radiation possesses the highest penetrating power?
 a. X-rays (b) UV rays
 c. Infrared rays (d) None of these
- 4) What type of bonding is there between Hydrogen and Oxygen in H₂O molecule?
 a. Polar Covalent bond

- b. Non-polar Covalent Bond
 c. Ionic bond
 d. None of these
- 5) Which of the of following impurity is added in p-type semiconductor?
 a. Phosphorous (b) Antimony
 c. Gallium (d) None of these
- 6) Which of the following atmospheric layer exists at -70°C?
 a. Stratosphere (b) Mesosphere
 c. Troposphere (d) None of these
- 7) Which of the following is waterborne viral disease?
 a. Cholera (b) Hepatitis
 c. Diarrhoea (d) None of these
- 8) What is the permitted concentration of arsenic in drinking water according to WHO?
 a. 100 µg/L (b) 50 µg/L
 c. 10 µg/L (d) None of these
- 9) Set of programs which consist of full set of documentations is termed as:
 a. database packages
 b. file packages
 c. software packages
 d. None of these
- 10) What is the size of MAC address in computer?
 a. 48 bytes (b) 48 bits
 c. 62 bits (d) None of these
- 11) Which among the following is a non-reducing sugar?
 a. Maltose (b) Lactose
 c. Sucrose (d) None of these
- 12) Which vitamin helps in blood-clotting?
 a. Vitamin A (b) Vitamin K
 c. Vitamin D (d) None of these
- 13) Which of the two planets come between Earth and the Sun?
 a. Mercury and Mars
 b. Venus and Mars
 c. Mercury and Venus
 d. None of these
- 14) Aedes aegypti is a mosquito that can spread:
 a. Malaria (b) Dengue
 c. Cholera (d) None of these
- 15) Which is the primary consideration in the process of Artificial Intelligence?
 a. Analogy (b) Machine Learning
 c. Motor Reproduction (d) None of these
- 16) Which is called power house of the cell?
 a. Ribosomes (b) Mitochondria
 c. Nucleus (d) None of these
- 17) Vanaspathi ghee contains:
 a. Saturated fats (b) Unsaturated fats
 c. both a and b (d) None of these

- 18) Granite is an example of:
 a. Metamorphic rock b. Igneous rock
 c. Sedimentary rock d. None of these
- 19) Greenhouse gases absorb:
 a. UV Radiations b. Infrared radiations
 c. X-rays d. None of these
- 20) _____ processing is considered as the classical method of processing data.
 a. Batch b. Group
 c. Sequence d. None of these

Answers

1.	a	2.	b	3.	a	4.	a	5.	c
6.	b	7.	b	8.	c	9.	c	10.	b
11.	c	12.	b	13.	c	14.	b	15.	a
16.	b	17.	a	18.	b	19.	b	20.	a

GENERAL SCIENCE & ABILITY 2021

Choose the one alternative the best completes the statement or answer the question. (1 each)

- Night blindness is caused due to deficiencies of?
 (a) Vitamin E (b) Vitamin C
 (c) Vitamin B (d) Vitamin A
- Artificial noise is a
 (a) Amplitude (b) Vibration
 (c) Frequency (d) None of these
- Excessive bleeding during an injury is a deficiency of?
 (a) Vitamin E (b) Vitamin A
 (c) Vitamin B (d) Vitamin K
- Which of the following produces seeds but no fruits?
 (a) Bryophyte (b) Gymnosperms
 (c) Pteridophyte (d) Thallophyte
- Rotation of the earth is what causes?
 (a) Tides (b) Night and Day
 (c) Seasons (d) Full Moon
- Which atmospheric layer contains ions and helps in wireless communication?
 (a) Mesosphere (b) Thermosphere
 (c) Stratosphere (d) Troposphere
- The example of cold-blooded animals is/ are:
 (a) Birds (b) Insects
 (c) Mammals (d) None of these
- A covalent bond is between two atoms when they?
 (a) Share one or more electrons
 (b) Complete transfer of electron from one atom to another
 (c) Share half electrons
 (d) Half transfer of electrons from one atom to another
- The place of environment where a plant or animal naturally or normally lives and grows is known as?

- (a) Community (b) Habitat
 (c) Group (d) Eco system
- What time of the year is the earth closest to the sun?
 (a) In the fall (b) in the spring
 (c) in the winter (d) in the summer
- A light sensitive device that converts drawing. Printed text or other images into digital form is?
 (a) OMR (b) Keyboard
 (c) Scanner (d) None of these
- A collection of system programs that controls and coordinates the overall operations of a computer system is called?
 (a) Operating system
 (b) System software
 (c) Utility Program
 (d) Device Driver
- Disease that spread from one person to another are called?
 (a) Communicable disease
 (b) Degenerative disease
 (c) Non-communicable disease
 (d) None of these
- The weight of an object on the moon is _____ the weight of the object on earth.
 (a) 1/5 (b) half
 (c) 1/6 (d) equal to 6 times
- What is the name of tropical cyclones in the China Sea?
 (a) Tomado (b) Hurricanes
 (c) Twister (d) Typhoon
- What is the hottest planet in our solar system?
 (a) Venus (b) Mars
 (c) Pluto (d) Mercury
- The energy which is unavailable in a system is called?
 (a) Minute energy (b) Minimum energy
 (c) Thermal energy (d) Entropy
- The ozone layer is present in?
 (a) Thermosphere (b) Mesosphere
 (c) Stratosphere (d) Troposphere
- Spanish influenza of 1918-19 was caused by which influenza virus?
 (a) H1N6 (b) H1N5
 (c) H1N1 (d) H5N1
- The blue color of the sky is due to?
 (a) Refraction of light rays
 (b) Interference of light rays
 (c) Reflection of light rays
 (d) Reflection of light rays

Answers

1.	d	2.	b	3.	d	4.	b	5.	b
6.	b	7.	b	8.	a	9.	b	10.	c
11.	c	12.	a	13.	a	14.	c	15.	/d
16.	a	17.	d	18.	c	19.	c	20.	b