## **SSC GD Constable Exam : General Science Practice Set**

## Instructions:

- Choose the correct option for each question.
- Each question carries 2 marks. There is a negative marking of 0.25 marks for each incorrect answer.
- Total Questions: 100 (covering Physics, Chemistry, and Biology).

# Section 1: Physics (Questions 1-35)

- 1. The SI unit of force is?
  - A) Newton
  - B) Joule
  - C) Watt
  - D) Pascal
- 2. The law of inertia is also known as?
  - A) Law of Gravitation
  - B) Newton's Second Law of Motion
  - C) Newton's Third Law of Motion
  - D) Newton's First Law of Motion
- 3. The speed of light in a vacuum is approximately?
  - A)  $3 \times 10^{8} \text{ m/s}$
  - B)  $3 \times 10^{6} \text{ m/s}$
  - C)  $3 \times 10^{7} \text{ m/s}$
  - D)  $3 \times 10^{9} \text{ m/s}$
- 4. Which instrument is used to measure electric current?
  - A) Ammeter
  - B) Voltmeter
  - C) Galvanometer
  - D) Ohmmeter
- 5. The unit of electric power is?

A) Watt B) Volt C) Ampere D) Ohm	
<ul><li>6. The phenomenon of splitting of light into its colors is called?</li><li>A) Dispersion</li><li>B) Reflection</li><li>C) Refraction</li><li>D) Diffraction</li></ul>	
<ul><li>7. The focal length of a plane mirror is?</li><li>A) Infinite</li><li>B) Zero</li><li>C) Positive</li><li>D) Negative</li></ul>	
<ul><li>8. The energy possessed by a moving object is called?</li><li>A) Kinetic Energy</li><li>B) Potential Energy</li><li>C) Mechanical Energy</li><li>D) Thermal Energy</li></ul>	
<ul><li>9. The SI unit of work is?</li><li>A) Watt</li><li>B) Newton</li><li>C) Joule</li><li>D) Pascal</li></ul>	
<ul> <li>10. Which law states that every action has an equal and opposite read</li> <li>A) Newton's Third Law</li> <li>B) Newton's First Law</li> <li>C) Newton's Second Law</li> <li>D) Law of Gravitation</li> </ul>	ction?

11. The device that converts electrical energy into mechanical energy is?

17. The un	it of resistance is?
A) Volt	
B) Ohm	
C) Ampe	ere
D) Watt	
18. The un	iversal gravitational constant is denoted by?
A) G	
B) g	
C) F	
D) M	
19. The de	vice used to measure atmospheric pressure is?
A) Baror	neter
B) Thern	
C) Hygro	
D) Anem	
20. Which	type of energy is stored in a stretched spring?
	ntial Energy
-	ic Energy
•	nal Energy
•	nical Energy
21. The for	mula for Ohm's Law is?
A) E = m	
B) P = V	
C) $W = F$	
D) V = IF	
ŕ	mary source of energy for Earth's climate system is?
A) Sun	
B) Moon	
C) Earth	's core
-	

	e phenomenon of bending of light around corners is called?
,	iffraction
,	eflection
,	efraction
D) D	Pispersion
24. Th	e SI unit of frequency is?
A) H	ertz
B) J	oule
C) V	/att
D) N	lewton
25. Wh	nich instrument is used to measure the temperature?
A) B	arometer
B) T	hermometer
C) H	lygrometer
D) A	nemometer
26. The	e acceleration due to gravity on Earth's surface is approximately
A) 9	.8 m/s^2
B) 8	.9 m/s^2
C) 1	0 m/s^2
D) 7	.8 m/s^2
27. The	e device that converts mechanical energy into electrical energy i
	Senerator
•	lotor
•	ransformer
•	attery
28. The	e angle of incidence is equal to the angle of reflection in which
	e angle of incidence is equal to the angle of reflection in which menon?
•	ispersion

SI unit of electric charge is?
oulomb
npere
olt
nm
ch type of mirror is used in car side mirrors?
onvex Mirror
oncave Mirror
ane Mirror
pherical Mirror
energy transformation in a hydroelectric power plant is?
otential to Electrical
nemical to Electrical
nermal to Electrical
netic to Thermal
formula for calculating power is?
= W/t
= Fd
= ma
= mv
principle behind the working of a transformer is?
ectromagnetic Induction
avitation
uclear Fission
onduction

B) RefractionC) Diffraction

A) J	/kg⋅K
B) J	
Ć) J	
D) k	
35. Th	e twinkling of stars is due to?
A) A	tmospheric Refraction
B) F	Reflection
C) [	Diffraction
D) [	Dispersion
Section	n 2: Chemistry (Questions 36–65)
36 Th	e chemical formula of water is?
A) F	
B) C	
C) (	
•	$H_2SO_4$
ו (ט	12004
37. Th	e pH value of a neutral solution is?
A) 7	·
B) 0	
C) 1	
D) 1	
38. Wł	nich gas is known as the "laughing gas"?
A) N	litrous Oxide
B) C	Carbon Dioxide
C) (	Dxygen
D) N	litrogen
30 Th	a atomic number of an element is determined by the number of
	•
A) F	Protons
A) F B) E	e atomic number of an element is determined by the number of? Protons Electrons Neutrons

	cal name of common salt is?
A) Sodium (	
B) Sodium I	
C) Calcium	
D) Potassiu	n Chloride
41. Which eler	nent is the most abundant in Earth's crust?
A) Oxygen	
B) Silicon	
C) Aluminur	n
D) Iron	
42. The proce	ss of rusting of iron involves which gas?
A) Oxygen	
B) Nitrogen	
C) Carbon [	Dioxide
D) Hydroge	1
43. The chemi	cal formula of carbon dioxide is?
A) CO <sub>2</sub>	
B) CO	
$C) C_2O$	
$D) C_2O_2$	
44 Which acid	l is present in lemon juice?
A) Citric Aci	
B) Sulphurio	
C) Hydroch	
D) Nitric Ac	
,	
	constituent of natural gas is?
<ul><li>A) Methane</li></ul>	
B) Ethane	

D) Nucleons

A) Co	ndensation	
B) Ev	aporation	
C) Su	blimation	
D) Fre	eezing	
47. Whic	ch metal is liquid at room temperature?	
A) Me	ercury	
B) Iro	n	
C) Co	pper	
D) Alı	uminum	
48. The	chemical symbol "Na" represents which element?	
A) So	dium	
B) Nit	rogen	
C) Nic	ckel	
D) Ne	eon	
49. Whi	ch gas is essential for photosynthesis?	
	rbon Dioxide	
B) Ox		
•	trogen	
•	vdrogen vdrogen	
50. The,	UAW The chemical formula of baking soda is?	
A) So	dium Bicarbonate	
B) So	dium Carbonate	
C) So	dium Hydroxide	
D) So	dium Chloride	
51. The	reaction between an acid and a base produces?	
	It and Water	
A) Sa		

46. The process of conversion of a gas into a liquid is called?

C) Propane D) Butane

	ne valency of carbon is?
A) <sub>.</sub> B) .	
C)	
D)	
53. W	hich gas is filled in electric bulbs to prevent filament oxidation?
	Argon
B)	Oxygen
C)	Nitrogen
D)	Helium
54. TI	ne chemical name of limestone is?
A)	Calcium Carbonate
B)	Calcium Chloride
C)	Calcium Oxide
D)	Calcium Sulphate
55. W	hich element is used in pencil lead?
A)	Graphite
B)	Carbon
•	Lead
D)	Charcoal
56. TI	ne pH value of an acidic solution is?
A)	Less than 7
B)	More than 7
C)	Equal to 7
D)	Equal to 14

B) Gas and WaterC) Salt and Gas

A) Galvanization	
B) Corrosion	
C) Electroplating	
D) Oxidation	
58. Which gas is produced during photosynthesis?	
A) Oxygen	
B) Carbon Dioxide	
C) Nitrogen	
D) Hydrogen	
59. The chemical formula of ozone is?	
A) O <sub>3</sub>	
B) O <sub>2</sub>	
C) O	
D) O <sub>4</sub>	
60. Which element is the primary component of steel?	
A) Iron	
B) Carbon	
C) Chromium	
D) Nickel	
61. The main source of energy for Earth's climate system is?	
A) Sun	
B) Fossil Fuels	
C) Geothermal Energy	
D) Nuclear Energy	
62. The chemical name of vinegar is?	
A) Acetic Acid	
B) Citric Acid	
C) Sulphuric Acid	
D) Lactic Acid	

	ch gas is used in fire extinguishers? rbon Dioxide
B) Ox	
•	rogen
D) He	•
<i>D)</i> 116	and in
64. The	atomic number of oxygen is?
A) 8	
B) 6	
C) 7	
D) 9	
65 The	process of burning in the presence of oxygen is called
	mbustion
,	duction
,	ridation
•	ecomposition
<i>=, 5</i> 0	
•	3: Biology (Questions 66–100)
Section	·
Section 66. The	3: Biology (Questions 66–100)  powerhouse of the cell is?
Section 66. The A) Mi	3: Biology (Questions 66–100)  powerhouse of the cell is? cochondria
Section 66. The A) Mit B) Nu	3: Biology (Questions 66–100)  powerhouse of the cell is? cochondria cleus
Section 66. The A) Mir B) Nu C) Ril	3: Biology (Questions 66–100)  powerhouse of the cell is? cochondria
Section 66. The A) Mir B) Nu C) Ril D) Ce	3: Biology (Questions 66–100)  powerhouse of the cell is? cochondria cleus cosome ell Membrane
Section  66. The A) Mir B) Nu C) Ril D) Ce	3: Biology (Questions 66–100)  powerhouse of the cell is? cochondria cleus cosome ell Membrane  process by which plants make their food is called?
Section  66. The A) Mir B) Nu C) Ril D) Ce  67. The A) Ph	3: Biology (Questions 66–100)  powerhouse of the cell is? cochondria cleus cosome ell Membrane  process by which plants make their food is called? otosynthesis
Section  66. The A) Mir B) Nu C) Ril D) Ce  67. The A) Ph B) Re	3: Biology (Questions 66–100)  powerhouse of the cell is? cochondria cleus cosome ell Membrane  process by which plants make their food is called? otosynthesis spiration
Section  66. The A) Mi B) Nu C) Ril D) Ce  67. The A) Ph B) Re C) Tra	3: Biology (Questions 66–100)  powerhouse of the cell is? cochondria cleus cosome ell Membrane  process by which plants make their food is called? otosynthesis spiration anspiration
Section  66. The A) Mi B) Nu C) Ril D) Ce  67. The A) Ph B) Re C) Tra	3: Biology (Questions 66–100)  powerhouse of the cell is? cochondria cleus cosome ell Membrane  process by which plants make their food is called? otosynthesis spiration
Section  66. The A) Mir B) Nu C) Ril D) Ce  67. The A) Ph B) Re C) Tra D) Dig	3: Biology (Questions 66–100)  powerhouse of the cell is? cochondria cleus cosome ell Membrane  process by which plants make their food is called? otosynthesis spiration anspiration
Section  66. The A) Mir B) Nu C) Ril D) Ce  67. The A) Ph B) Re C) Tra D) Dig	2: Biology (Questions 66–100)  powerhouse of the cell is? cochondria cleus cosome ell Membrane  process by which plants make their food is called? cotosynthesis spiration anspiration gestion

A) ' B) ' C)	ne vitamin essential for blood clotting is? Vitamin K Vitamin C Vitamin D Vitamin A
A) : B) : C)	ne largest organ in the human body is? Skin Liver Heart Lungs
A) ( B) ( C)	ne primary source of energy for the human body is? Carbohydrates Proteins Fats Vitamins
A) B) C)	ne process of breaking down food into energy is called? Respiration Photosynthesis Digestion Excretion
A) ( B) ( C)	hich gas is exhaled by humans during respiration? Carbon Dioxide Oxygen Nitrogen Hydrogen
	ne pigment that gives blood its red color is? Hemoglobin

C) 48 D) 44

B) Chlorophyll

75. The smallest unit of life is?

C) Melanin D) Carotene

A) Cell

A) Kidney	
B) Liver	
C) Heart	
D) Lungs	
81. The process by	which water moves through a plant is called?
A) Transpiration	
B) Photosynthes	is
C) Respiration	
D) Absorption	
82. The human hea	art has how many chambers?
A) 4	
B) 2	
C) 3	
D) 5	
<ul><li>A) Vitamin D</li><li>B) Vitamin A</li><li>C) Vitamin C</li><li>D) Vitamin K</li></ul>	
84. The disease ca	used by the deficiency of iodine is?
A) Goitre	•
B) Scurvy	
, <del>,</del>	
D) Anemia	
B) Scurvy C) Rickets D) Anemia	
C) Digestion	
D) Fermentation	

C) Clot b	lood	
D) Produ	ce hormones	
87. The gre	en pigment in plants is called?	
A) Chlore	phyll	
B) Hemo	globin	
C) Melar	in	
D) Carot	ene	
88. The lar	gest bone in the human body is?	
A) Femu	r	
B) Skull		
C) Spine		
D) Hume	rus	
00 The de		0
	iciency of iron causes which disease?	<b>!</b>
A) Anem		
B) Scurv		
C) Ricke		
D) Goitre	,	
90. The org	an that produces insulin is?	
A) Pancı	eas	
B) Liver		
C) Kidne	у	
D) Thyro	id	
91. The pro	cess of reproduction in bacteria is ca	lled?
A) Binar	-	
B) Mitos		
C) Meios		
D) Budd		
,	_	

86. The main function of red blood cells is to?

A) Carry oxygenB) Fight infections

D) Produce energy
93. The vitamin essential for vision is?  A) Vitamin A B) Vitamin C C) Vitamin D D) Vitamin K
94. The part of the plant that anchors it to the soil is?  A) Root B) Stem C) Leaf D) Flower
<ul><li>95. The disease caused by the deficiency of Vitamin B1 is?</li><li>A) Beriberi</li><li>B) Scurvy</li><li>C) Rickets</li><li>D) Anemia</li></ul>
<ul><li>96. The organ responsible for pumping blood is?</li><li>A) Heart</li><li>B) Lungs</li><li>C) Liver</li><li>D) Kidney</li></ul>
<ul><li>97. The process by which organisms produce offspring is called?</li><li>A) Reproduction</li><li>B) Respiration</li><li>C) Digestion</li></ul>

92. The main function of white blood cells is to?

A) Fight infectionsB) Carry oxygen

C) Clot blood

- D) Excretion
- 98. The hormone that regulates blood sugar levels is?
  - A) Insulin
  - B) Adrenaline
  - C) Thyroxine
  - D) Estrogen
- 99. The smallest blood vessels in the body are?
  - A) Capillaries
  - B) Arteries
  - C) Veins
  - D) Venules
- 100. The study of living organisms is called?
  - A) Biology
  - B) Physics
  - C) Chemistry
  - D) Geology

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# SSC GD Constable Exam : General Science Practice Set - Answers and Explanations

# **Section 1: Physics**

1. Answer: A

Explanation: The SI unit of force is Newton (N), named after Sir Isaac Newton.

2. Answer: D

Explanation: Newton's First Law of Motion, also called the law of inertia, states that an object remains at rest or in motion unless acted upon by an external force.

## 3. Answer: A

Explanation: The speed of light in a vacuum is approximately  $3 \times 10^8$  meters per second.

## 4. Answer: A

Explanation: An ammeter measures electric current in amperes.

## 5. Answer: A

Explanation: The unit of electric power is Watt (W), a measure of energy transfer rate.

## 6. Answer: A

Explanation: Dispersion is the splitting of white light into its constituent colors, as seen in a prism.

## 7. Answer: A

Explanation: A plane mirror has an infinite focal length because it does not converge light.

## 8. Answer: A

Explanation: Kinetic energy is the energy of a moving object, given by ½mv².

## 9. Answer: C

Explanation: The SI unit of work is Joule (J), equivalent to Newton-meter.

## 10. Answer: A

Explanation: Newton's Third Law states that every action has an equal and opposite reaction.

## 11. Answer: A

Explanation: An electric motor converts electrical energy into mechanical energy.

## 12. Answer: A

Explanation: The speed of sound in air at 20°C is approximately 343 meters per second.

## 13. Answer: A

Explanation: The SI unit of pressure is Pascal (Pa), defined as N/m<sup>2</sup>.

## 14. Answer: A

Explanation: Sublimation is the direct transition of a solid to a gas, e.g., dry ice.

#### 15. Answer: A

Explanation: Force is calculated as F = ma (mass  $\times$  acceleration), per Newton's Second Law.

## 16. Answer: A

Explanation: A concave lens corrects nearsightedness (myopia) by diverging light.

#### 17. Answer: B

Explanation: Resistance is measured in Ohms  $(\Omega)$ , a unit of electrical resistance.

## 18. Answer: A

Explanation: The universal gravitational constant is denoted by G in the formula  $F = G(m_1m_2/r^2)$ .

## 19. Answer: A

Explanation: A barometer measures atmospheric pressure, typically using mercury or aneroid.

## 20. Answer: A

Explanation: A stretched spring stores potential energy due to its elastic deformation.

## 21. Answer: D

Explanation: Ohm's Law states that voltage (V) equals current (I) times resistance (R), V = IR.

## 22. Answer: A

Explanation: The Sun is the primary source of energy for Earth's climate system via solar radiation.

## 23. Answer: A

Explanation: Diffraction is the bending of light around obstacles or through slits.

#### 24. Answer: A

Explanation: The SI unit of frequency is Hertz (Hz), measuring cycles per second.

## 25. Answer: B

Explanation: A thermometer measures temperature in Celsius, Fahrenheit, or Kelvin.

#### 26. Answer: A

Explanation: The acceleration due to gravity on Earth is approximately 9.8 m/s<sup>2</sup>.

#### 27. Answer: A

Explanation: A generator converts mechanical energy into electrical energy.

## 28. Answer: D

Explanation: The law of reflection states that the angle of incidence equals the angle of reflection.

#### 29. Answer: A

Explanation: The SI unit of electric charge is Coulomb (C).

## 30. Answer: A

Explanation: Convex mirrors are used in car side mirrors to provide a wider field of view.

## 31. Answer: A

Explanation: Hydroelectric power plants convert the potential energy of water into electrical energy.

## 32. Answer: A

Explanation: Power is calculated as P = W/t (work divided by time).

## 33. Answer: A

Explanation: Transformers work on the principle of electromagnetic induction to change voltage.

## 34. Answer: A

Explanation: Specific heat capacity is measured in J/kg·K (Joules per kilogram per Kelvin).

## 35. Answer: A

Explanation: The twinkling of stars is caused by atmospheric refraction of starlight.

# **Section 2: Chemistry**

## 36. Answer: A

Explanation: The chemical formula of water is H<sub>2</sub>O, consisting of two hydrogen atoms and one oxygen atom.

## 37. Answer: A

Explanation: A neutral solution has a pH of 7, indicating a balance of H<sup>+</sup> and OH<sup>-</sup> ions.

Explanation: Nitrous oxide (N<sub>2</sub>O) is known as laughing gas due to its anesthetic effects.

## 39. Answer: A

Explanation: The atomic number is the number of protons in an atom's nucleus.

## 40. Answer: A

Explanation: Common salt is sodium chloride (NaCl), used in food and industry.

#### 41. Answer: A

Explanation: Oxygen is the most abundant element in Earth's crust, making up about 46%.

## 42. Answer: A

Explanation: Rusting is the oxidation of iron in the presence of oxygen and moisture.

## 43. Answer: A

Explanation: The chemical formula of carbon dioxide is CO<sub>2</sub>, a greenhouse gas.

## 44. Answer: A

Explanation: Lemon juice contains citric acid, which gives it a sour taste.

## 45. Answer: A

Explanation: Methane (CH<sub>4</sub>) is the primary component of natural gas, used as fuel.

## 46. Answer: A

Explanation: Condensation is the process of a gas turning into a liquid, e.g., water vapor to droplets.

Explanation: Mercury is the only metal that is liquid at room temperature.

## 48. Answer: A

Explanation: The chemical symbol Na represents sodium in the periodic table.

## 49. Answer: A

Explanation: Carbon dioxide is used by plants during photosynthesis to produce glucose.

## 50. Answer: A

Explanation: Baking soda is sodium bicarbonate (NaHCO<sub>3</sub>), used as a leavening agent.

## 51. Answer: A

Explanation: The reaction between an acid and a base produces salt and water (neutralization).

## 52. Answer: A

Explanation: Carbon has a valency of 4, forming four bonds in compounds like methane.

#### 53. Answer: A

Explanation: Argon is used in electric bulbs to prevent filament oxidation due to its inert nature.

## 54. Answer: A

Explanation: Limestone is calcium carbonate (CaCO<sub>3</sub>), used in construction and cement.

## 55. Answer: A

Explanation: Pencil lead is made of graphite, a form of carbon.

Explanation: Acidic solutions have a pH less than 7 due to higher H<sup>+</sup> ion concentration.

## 57. Answer: A

Explanation: Galvanization is the process of coating iron with zinc to prevent corrosion.

## 58. Answer: A

Explanation: Photosynthesis produces oxygen as a byproduct while converting CO<sub>2</sub> into glucose.

## 59. Answer: A

Explanation: Ozone (O<sub>3</sub>) is a triatomic molecule found in the stratosphere, protecting against UV rays.

## 60. Answer: A

Explanation: Steel is primarily iron with a small percentage of carbon for strength.

## 61. Answer: A

Explanation: The Sun is the primary energy source for Earth's climate system.

#### 62. Answer: A

Explanation: Vinegar is a dilute solution of acetic acid (CH<sub>3</sub>COOH).

## 63. Answer: A

Explanation: Carbon dioxide is used in fire extinguishers to smother fires by displacing oxygen.

#### 64. Answer: A

Explanation: The atomic number of oxygen is 8, indicating 8 protons.

Explanation: Combustion is the chemical process of burning in the presence of oxygen.

# **Section 3: Biology**

## 66. Answer: A

Explanation: Mitochondria produce energy (ATP) through cellular respiration, earning the name "powerhouse."

## 67. Answer: A

Explanation: Photosynthesis is the process by which plants use sunlight to produce glucose.

## 68. Answer: A

Explanation: Humans have 46 chromosomes (23 pairs) in their somatic cells.

## 69. Answer: A

Explanation: Vitamin K is essential for blood clotting, aiding in the formation of clotting factors.

#### 70. Answer: A

Explanation: The skin is the largest organ, protecting the body and regulating temperature.

#### 71. Answer: A

Explanation: Carbohydrates are the primary energy source, broken down into glucose.

#### 72. Answer: A

Explanation: Digestion breaks down food into nutrients for energy and growth.

Explanation: Carbon dioxide is exhaled during respiration as a waste product.

## 74. Answer: A

Explanation: Hemoglobin in red blood cells gives blood its red color and carries oxygen.

## 75. Answer: A

Explanation: The cell is the smallest unit of life, capable of performing all life functions.

## 76. Answer: A

Explanation: Vitamin D promotes calcium absorption for healthy bones.

## 77. Answer: A

Explanation: Mitosis is the process of cell division for growth and repair in body cells.

## 78. Answer: A

Explanation: The central nervous system consists of the brain and spinal cord, controlling bodily functions.

#### 79. Answer: A

Explanation: Vitamin C deficiency causes scurvy, characterized by bleeding gums and fatigue.

## 80. Answer: A

Explanation: The kidneys filter blood to remove waste and produce urine.

#### 81. Answer: A

Explanation: Transpiration is the evaporation of water from plant leaves, aiding water movement.

Explanation: The human heart has four chambers: two atria and two ventricles.

## 83. Answer: A

Explanation: The skin produces vitamin D when exposed to sunlight.

## 84. Answer: A

Explanation: lodine deficiency causes goitre, an enlargement of the thyroid gland.

## 85. Answer: A

Explanation: Cellular respiration releases energy from food in the form of ATP.

## 86. Answer: A

Explanation: Red blood cells carry oxygen from the lungs to the body's tissues.

## 87. Answer: A

Explanation: Chlorophyll is the green pigment in plants that absorbs sunlight for photosynthesis.

#### 88. Answer: A

Explanation: The femur (thigh bone) is the largest and strongest bone in the human body.

## 89. Answer: A

Explanation: Iron deficiency causes anemia, reducing red blood cell production.

## 90. Answer: A

Explanation: The pancreas produces insulin, which regulates blood sugar levels.

Explanation: Bacteria reproduce asexually through binary fission, splitting into two cells.

## 92. Answer: A

Explanation: White blood cells fight infections as part of the immune system.

## 93. Answer: A

Explanation: Vitamin A is essential for vision, especially in low-light conditions.

## 94. Answer: A

Explanation: Roots anchor plants to the soil and absorb water and nutrients.

## 95. Answer: A

Explanation: Vitamin B1 deficiency causes beriberi, affecting the nervous and cardiovascular systems.

## 96. Answer: A

Explanation: The heart pumps blood to supply oxygen and nutrients to the body.

## 97. Answer: A

Explanation: Reproduction is the process by which organisms produce offspring.

## 98. Answer: A

Explanation: Insulin, produced by the pancreas, regulates blood glucose levels.

#### 99. Answer: A

Explanation: Capillaries are the smallest blood vessels, facilitating nutrient and gas exchange.

100. Answer: A

Explanation: Biology is the scientific study of living organisms and their interactions.

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## **Disclaimer**

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