



**TALENT & SKILLS
DEVELOPMENT**



2025 STEAM EDUCATION

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**GRADE
7 – 8**

Q.No.1: Which of the following is NOT a characteristic of living things?

- | | |
|----------------------|-------------------------|
| (A) Growth | (B) Reproduction |
| (C) Breathing oxygen | (D) Response to stimuli |

Q.No.2: In humans, which organ removes waste from the blood?

- | | |
|------------|-----------|
| (A) Heart | (B) Liver |
| (C) Kidney | (D) Lungs |

Q.No.3: What is the name of the pigment responsible for the green color of plants?

- | | |
|-----------------|----------------|
| (A) Chlorophyll | (B) Hemoglobin |
| (C) Melanin | (D) Carotene |

Q.No.4: Which blood cells help fight infections?

- | | |
|-----------------------|------------------|
| (A) Red blood cells | (B) Platelets |
| (C) White blood cells | (D) Plasma cells |

Q.No.5: Which part of the brain controls balance and coordination?

- | | |
|---------------|------------------|
| (A) Cerebrum | (B) Cerebellum |
| (C) Brainstem | (D) Hypothalamus |

Q.No.6: Which system in the human body is responsible for removing waste?

- | | |
|------------------------|----------------------|
| (A) Respiratory system | (B) Endocrine system |
| (C) Nervous system | (D) Excretory system |

Q.No.7: What is the process by which plants lose water through their leaves?

- | | |
|--------------------|-------------------|
| (A) Photosynthesis | (B) Transpiration |
| (C) Germination | (D) Respiration |

Q.No.8: What is the function of red blood cells?

- | | |
|------------------|-------------------------------|
| (A) Carry oxygen | (B) Fight infections |
| (C) Digest food | (D) Send signals to the brain |

Q.No.9: Which part of the digestive system absorbs most nutrients?

- | | |
|---------------------|---------------------|
| (A) Stomach | (B) Small intestine |
| (C) Large intestine | (D) Liver |

Q.No.10: What is the most abundant gas in Earth's atmosphere?

- | | |
|--------------|--------------------|
| (A) Oxygen | (B) Carbon dioxide |
| (C) Hydrogen | (D) Nitrogen |

Q.No.11: Which element is necessary for iron to rust?

- | | |
|--------------|--------------|
| (A) Carbon | (B) Oxygen |
| (C) Nitrogen | (D) Hydrogen |

Q.No.12: What is the pH of pure water?

- | | |
|-------|--------|
| (A) 3 | (B) 5 |
| (C) 7 | (D) 10 |

Q.No.13: What is the chemical symbol for gold?

- | | |
|--------|--------|
| (A) Ag | (B) Au |
| (C) Pb | (D) Fe |

Q.No.14: What happens when a solid turns into a gas without becoming a liquid?

- | | |
|-----------------|------------------|
| (A) Evaporation | (B) Condensation |
| (C) Sublimation | (D) Freezing |

Q.No.15: Which state of matter has a definite shape and volume?

- | | |
|-----------|------------|
| (A) Solid | (B) Liquid |
| (C) Gas | (D) Plasma |

Q.No.16: What is a mixture of metals called?

- | | |
|--------------|-------------|
| (A) Compound | (B) Element |
| (C) Solution | (D) Alloy |

Q.No.17: What is an example of a chemical change?

- | | |
|------------------|-------------------------------|
| (A) Melting ice | (B) Cutting paper |
| (C) Burning wood | (D) Dissolving sugar in water |

Q.No.18: Which of the following substances is acidic?

- | | |
|-----------------|-----------------|
| (A) Lemon juice | (B) Baking soda |
| (C) Soap | (D) Water |

Q.No.19: What is the smallest particle of an element?

- | | |
|--------------|------------|
| (A) Molecule | (B) Atom |
| (C) Electron | (D) Proton |

Q.No.20: Which force resists motion between two surfaces?

- | | |
|---------------|--------------|
| (A) Gravity | (B) Friction |
| (C) Magnetism | (D) Inertia |

Q.No.21: What type of energy is stored in a stretched rubber band?

- (A) Kinetic energy
- (B) Potential energy
- (C) Thermal energy
- (D) Electrical energy

Q.No.22: What is the speed of light in a vacuum?

- (A) 300,000 km/s
- (B) 150,000 km/s
- (C) 1,000 km/s
- (D) 10,000 km/s

Q.No.23: What color has the longest wavelength in the visible spectrum?

- (A) Blue
- (B) Green
- (C) Red
- (D) Violet

Q.No.24: What is the SI unit of force?

- (A) Joule
- (B) Newton
- (C) Watt
- (D) Pascal

Q.No.25: What is the Earth's core mostly made of?

- (A) Ice
- (B) Rock
- (C) Iron and nickel
- (D) Water

Q.No.26: What is the layer of gases surrounding Earth called?

- (A) Hydrosphere
- (B) Atmosphere
- (C) Lithosphere
- (D) Biosphere

Q.No.27: Which celestial body is closest to the Earth?

- (A) Moon
- (B) Sun
- (C) Mars
- (D) Venus

Q.No.28: What type of rock is formed from magma?

- (A) Igneous
- (B) Sedimentary
- (C) Metamorphic
- (D) Fossilized

Q.No.29: What is the cause of ocean tides?

- (A) Earth's rotation
- (B) Sun's radiation
- (C) Moon's gravitational pull
- (D) Underwater volcanoes

Q.No.30: What type of energy is produced by vibrating objects?

- (A) Thermal energy
- (B) Sound energy
- (C) Light energy
- (D) Chemical energy

Q.No.31: Which simple machine consists of a wheel with a rope around it?

- | | |
|--------------------|------------|
| (A) Lever | (B) Pulley |
| (C) Inclined plane | (D) Wedge |

Q.No.32: What happens to an object's weight as it moves further from Earth?

- | | |
|--------------------|---------------|
| (A) Increases | (B) Decreases |
| (C) Stays the same | (D) Doubles |

Q.No.33: Which law states that an object at rest stays at rest unless acted upon by an external force?

- | | |
|------------------------|-----------------------------------|
| (A) Newton's First Law | (B) Newton's Second Law |
| (C) Newton's Third Law | (D) Law of Conservation of Energy |

Q.No.34: What type of energy is stored in food?

- | | |
|-----------------------|--------------------|
| (A) Electrical energy | (B) Thermal energy |
| (C) Chemical energy | (D) Sound energy |

Q.No.35: What is the chemical formula for common table salt?

- | | |
|------------|------------|
| (A) H_2O | (B) CO_2 |
| (C) O_2 | (D) $NaCl$ |

Q.No.36: Which type of bond involves the sharing of electrons?

- | | |
|-------------------|-------------------|
| (A) Ionic bond | (B) Covalent bond |
| (C) Metallic bond | (D) Hydrogen bond |

Q.No.37: What is a substance that speeds up a chemical reaction without being consumed?

- | | |
|--------------|-------------|
| (A) Reactant | (B) Product |
| (C) Catalyst | (D) Solvent |

Q.No.38: What is the chemical symbol for calcium?

- | | |
|--------|--------|
| (A) C | (B) Ca |
| (C) Cu | (D) Cl |

Q.No.39: Which gas is needed for combustion?

- | | |
|--------------------|--------------|
| (A) Carbon dioxide | (B) Hydrogen |
| (C) Oxygen | (D) Nitrogen |

Q.No.40: Which organ in the human body produces insulin?

- | | |
|--------------|-------------|
| (A) Liver | (B) Stomach |
| (C) Pancreas | (D) Kidney |

Q.No.41: What is the primary function of the ribcage?

- | | |
|-------------------------|--------------------------|
| (A) Produce blood cells | (B) Protect vital organs |
| (C) Help digestion | (D) Store oxygen |

Q.No.42: What is the smallest bone in the human body?

- | | |
|-----------|-------------|
| (A) Femur | (B) Stapes |
| (C) Tibia | (D) Humerus |

Q.No.43: Which human organ filters toxins from the blood?

- | | |
|------------|-----------|
| (A) Kidney | (B) Liver |
| (C) Heart | (D) Lungs |

Q.No.44: What is the primary function of platelets in the blood?

- | | |
|---------------------|-------------------------|
| (A) Carry oxygen | (B) Fight infections |
| (C) Help blood clot | (D) Transport nutrients |

Q.No.45: What causes day and night on Earth?

- | | |
|------------------------|----------------------|
| (A) Earth's revolution | (B) Earth's rotation |
| (C) Moon's gravity | (D) Sun's radiation |

Q.No.46: What is the largest planet in our solar system?

- | | |
|-------------|------------|
| (A) Earth | (B) Mars |
| (C) Jupiter | (D) Saturn |

Q.No.47: What is the term for molten rock beneath the Earth's surface?

- | | |
|--------------|-------------|
| (A) Magma | (B) Lava |
| (C) Sediment | (D) Granite |

Q.No.48: What do we call the outermost layer of Earth?

- | | |
|------------|-----------------|
| (A) Mantle | (B) Crust |
| (C) Core | (D) Lithosphere |

Q.No.49: Which phase of the Moon occurs when it is completely visible from Earth?

- | | |
|-------------------|------------------|
| (A) New Moon | (B) Full Moon |
| (C) Crescent Moon | (D) Quarter Moon |

Q.No.50: What is the name of the galaxy that contains our Solar System?

- | | |
|----------------------|---------------------|
| (A) Andromeda | (B) Milky Way |
| (C) Whirlpool Galaxy | (D) Sombrero Galaxy |

Q.No.51: What does CPU stand for?

- | | |
|------------------------------|------------------------------|
| (A) Central Processing Unit | (B) Computer Processing Unit |
| (C) Core Programming Utility | (D) Central Program Unit |

Q.No.52: Which device is used to store data permanently?

- | | |
|------------------|----------------|
| (A) RAM | (B) Hard Drive |
| (C) Cache Memory | (D) Processor |

Q.No.53: What type of software is an operating system?

- | | |
|--------------------------|---------------------|
| (A) Application software | (B) System software |
| (C) Utility software | (D) Malware |

Q.No.54: Which of the following is an example of an input device?

- | | |
|--------------|-------------|
| (A) Monitor | (B) Printer |
| (C) Keyboard | (D) Speaker |

Q.No.55: What does RAM stand for?

- | | |
|----------------------------|--------------------------|
| (A) Readable Access Memory | (B) Random Access Memory |
| (C) Rapid Access Machine | (D) Run All Memory |

Q.No.56: Which of these is an example of an output device?

- | | |
|-------------|------------|
| (A) Scanner | (B) Mouse |
| (C) Speaker | (D) Webcam |

Q.No.57: What is the primary function of an operating system?

- | | |
|--------------------------------------|---------------------------------|
| (A) To process data | (B) To run application software |
| (C) To provide power to the computer | (D) To store files permanently |

Q.No.58: Which unit of measurement is used for a computer's speed?

- | | |
|------------|-----------|
| (A) Hertz | (B) Bytes |
| (C) Pixels | (D) Watts |

Q.No.59: Which company developed the Windows operating system?

- | | |
|------------|---------------|
| (A) Apple | (B) Microsoft |
| (C) Google | (D) IBM |

Q.No.60: Which key is used to undo an action in most programs?

- | | |
|--------------|--------------|
| (A) Ctrl + U | (B) Ctrl + Z |
| (C) Ctrl + Y | (D) Ctrl + X |

Q.No.61: What does URL stand for?

- | | |
|------------------------------|-----------------------------|
| (A) Uniform Resource Locator | (B) Universal Resource Link |
| (C) Unique Registration List | (D) User Reference Log |

Q.No.62: What does Wi-Fi stand for?

- | | |
|-----------------------|--------------------|
| (A) Wireless Fidelity | (B) Wide Frequency |
| (C) Wireless Function | (D) Wired Firewall |

Q.No.63: What is the main purpose of a firewall?

- | | |
|---------------------------------|--|
| (A) To speed up the internet | (B) To protect a computer from cyber threats |
| (C) To increase download speeds | (D) To store data |

Q.No.64: Which of these is an example of a web browser?

- | | |
|---------------|------------|
| (A) Windows | (B) Chrome |
| (C) Photoshop | (D) Linux |

Q.No.65: What does HTTP stand for?

- | | |
|----------------------------------|--------------------------------------|
| (A) Hyper Transfer Text Protocol | (B) Hyper Text Transmission Protocol |
| (C) Hyper Text Transfer Protocol | (D) High-Tech Transfer Process |

Q.No.66: What is the function of a router in a network?

- | | |
|--------------------------------|-------------------------------------|
| (A) To process data | (B) To store information |
| (C) To increase computer speed | (D) To connect devices to a network |

Q.No.67: What does IP stand for in networking?

- | | |
|-----------------------|---------------------------|
| (A) Internet Provider | (B) Internal Protocol |
| (C) Internet Protocol | (D) Intelligent Processor |

Q.No.68: Which type of network connects computers in a small area like a school?

- | | |
|---------|---------|
| (A) LAN | (B) WAN |
| (C) VPN | (D) ISP |

Q.No.69: What is phishing?

- | | |
|--------------------------------|-----------------------------|
| (A) A type of internet scam | (B) A method of coding |
| (C) A tool for making websites | (D) A type of email service |

Q.No.70: Which email protocol is used to receive emails?

- | | |
|----------|-----------|
| (A) SMTP | (B) IMAP |
| (C) FTP | (D) HTTPS |

Q.No.71: Which of the following is an example of a strong password?

- (A) password123
- (B) john1985
- (C) 7G\$h!Kp@8*
- (D) mynameisjohn

Q.No.72: What is malware?

- (A) A type of hardware
- (B) Harmful software
- (C) A programming language
- (D) A type of storage device

Q.No.73: What should you do if you receive a suspicious email?

- (A) Open it immediately
- (B) Click all the links in the email
- (C) Delete it or report it
- (D) Share it with friends

Q.No.74: Which symbol is commonly used in email addresses?

- (A) #
- (B) @
- (C) *
- (D) %

Q.No.75: What is the full form of VPN?

- (A) Virtual Personal Network
- (B) Very Private Network
- (C) Virtual Private Network
- (D) Verified Public Network

Q.No.76: What does AI stand for?

- (A) Automated Internet
- (B) Artificial Intelligence
- (C) Advanced Input
- (D) Automatic Integration

Q.No.77: Which of these is an example of a smart device?

- (A) Desktop computer
- (B) Refrigerator with internet connection
- (C) Basic calculator
- (D) Wired landline phone

Q.No.78: What does IoT stand for?

- (A) Internet of Technology
- (B) Interconnected Objects Terminal
- (C) Internet of Things
- (D) Input Output Transmission

Q.No.79: What is the main purpose of blockchain technology?

- (A) Digital currency transactions
- (B) Internet speed improvement
- (C) Creating web pages
- (D) Storing passwords

Q.No.80: What is the main purpose of an operating system?

- (A) To run application programs
- (B) To store files permanently
- (C) To protect the computer from viruses
- (D) To provide internet access

Q.No.81: Which type of software is used to perform tasks like creating documents and editing photos?

- (A) System software
- (B) Application software
- (C) Hardware drivers
- (D) Firmware

Q.No.82: What is the function of a router?

- (A) Connects computers to the internet
- (B) Stores data permanently
- (C) Prints documents
- (D) Protects against viruses

Q.No.83: What does Wi-Fi allow users to do?

- (A) Print documents
- (B) Access the internet wirelessly
- (C) Increase computer storage
- (D) Secure files from viruses

Q.No.84: What is a drone commonly used for?

- (A) Making phone calls
- (B) Capturing aerial photos and videos
- (C) Printing documents
- (D) Writing software code

Q.No.85: What is an example of cloud storage?

- (A) USB Flash Drive
- (B) Google Drive
- (C) CD-ROM
- (D) Hard Disk

Q.No.86: Which company developed the iPhone?

- (A) Samsung
- (B) Apple
- (C) Microsoft
- (D) Google

Q.No.87: Which of these is a social media platform?

- (A) Excel
- (B) Notepad
- (C) Twitter
- (D) Adobe Reader

Q.No.88: What is an example of an e-commerce website?

- (A) Facebook
- (B) Wikipedia
- (C) Amazon
- (D) YouTube

Q.No.89: What is the main function of a spreadsheet program like Microsoft Excel?

- (A) Creating text documents
- (B) Editing photos
- (C) Performing calculations and organizing data
- (D) Designing websites

Q.No.90: What does HTML stand for?

- (A) Hyper Transfer Machine Language
- (B) High-Tech Markup Language
- (C) Hyperlink and Text Management Language
- (D) HyperText Markup Language

Q.No.91: Which of these is a programming language?

- (A) Python
- (B) Photoshop
- (C) Chrome
- (D) Bluetooth

Q.No.92: What is the purpose of an algorithm in programming?

- (A) To solve problems through a set of instructions
- (B) To store data
- (C) To protect against viruses
- (D) To browse the internet

Q.No.93: What type of software is used to create, edit, and format text-based documents?

- (A) Web browser
- (B) Word processor
- (C) Antivirus
- (D) Operating system

Q.No.94: What is the main use of GPS technology?

- (A) Sending emails
- (B) Navigating locations using satellites
- (C) Editing photos
- (D) Storing large amounts of data

Q.No.95: What is an example of a renewable energy technology?

- (A) Coal power
- (B) Solar panels
- (C) Diesel engines
- (D) Nuclear power

Q.No.96: How has technology impacted education?

- (A) It has made learning materials more accessible
- (B) It has eliminated the need for teachers
- (C) It has made it harder for students to learn
- (D) It has removed the need for books

Q.No.97: What is the purpose of an e-book reader like Kindle?

- (A) To browse the internet
- (B) To read digital books
- (C) To create presentations
- (D) To edit spreadsheets

Q.No.98: Which of these is an example of assistive technology?

- (A) Video game console
- (B) Smartwatch
- (C) Screen reader for visually impaired users
- (D) Wi-Fi router

Q.No.99: What is biotechnology mainly used for?

- (A) Storing large files
- (B) Making faster computers
- (C) Improving healthcare and agriculture using technology
- (D) Increasing phone battery life

Q.No.100: What is the main purpose of Artificial Intelligence (AI) in modern technology?

- (A) To replace all human jobs
- (B) To increase internet speed
- (C) To enable machines to perform tasks that require human intelligence
- (D) To design video games

Q.No.101: What is 25×12 ?

- (A) 200
- (B) 250
- (C) 300
- (D) 275

Q.No.102: What is the value of $(15 + 5) / 4$?

- (A) 4
- (B) 5
- (C) 6
- (D) 3

Q.No.103: What is 35% of 200?

- (A) 50
- (B) 60
- (C) 70
- (D) 80

Q.No.104: What is the value of 3^3 (3 to the power of 3)?

- (A) 9
- (B) 27
- (C) 6
- (D) 81

Q.No.105: Convert $3/4$ into a decimal.

- (A) 0.5
- (B) 0.75
- (C) 0.25
- (D) 1.25

Q.No.106: Solve for x: $2x + 5 = 15$

- (A) 5
- (B) 3
- (C) 7
- (D) 10

Q.No.107: If $x = 4$, what is the value of $3x^2 - 2x$?

- (A) 36
- (B) 40
- (C) 44
- (D) 48

Q.No.108: What is the coefficient of x in the expression $5x^2 - 3x + 7$?

- (A) 5
- (B) 7
- (C) 2
- (D) -3

Q.No.109: A triangle has angles 45° and 65° . What is the third angle?

- (A) 60°
- (B) 70°
- (C) 80°
- (D) 90°

Q.No.110: What is the formula for the area of a circle?

- (A) πr^2 (B) $2\pi r$
(C) πd (D) $\frac{1}{2}bh$

Q.No.111: The sum of interior angles of a quadrilateral is:

- (A) 180° (B) 270°
(C) 360° (D) 450°

Q.No.112: A rectangle has a length of 10 cm and a width of 4 cm. What is its area?

- (A) 14 cm^2 (B) 20 cm^2
(C) 30 cm^2 (D) 40 cm^2

Q.No.113: How many sides does a hexagon have?

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

Q.No.114: Find the mode of the data set: 3, 5, 7, 3, 8, 5, 3, 7, 7, 7

- (A) 7 (B) 8
(C) 5 (D) 3

Q.No.115: What is the median of 4, 8, 10, 12, 14?

- (A) 8 (B) 10
(C) 12 (D) 14

Q.No.116: The mean of 5, 10, 15, 20, 25 is:

- (A) 10 (B) 15
(C) 20 (D) 25

Q.No.117: A car travels 60 km in 2 hours. What is its speed?

- (A) 20 km/h (B) 30 km/h
(C) 40 km/h (D) 50 km/h

Q.No.118: A shop gives a 20% discount on a \$50 item. What is the sale price?

- (A) 30 (B) 35
(C) 40 (D) 45

Q.No.119: What is 15% of 80?

- (A) 10 (B) 12
(C) 15 (D) 18

Q.No.120: If a square has an area of 49 cm^2 , what is the length of one side?

- | | |
|----------|----------|
| (A) 5 cm | (B) 6 cm |
| (C) 7 cm | (D) 8 cm |

Q.No.121: What is the value of 7??

- | | |
|---------|---------|
| (A) 21 | (B) 49 |
| (C) 343 | (D) 729 |

Q.No.122: The sum of the angles in a triangle is always:

- | | |
|-----------------|-----------------|
| (A) 90° | (B) 180° |
| (C) 360° | (D) 270° |

Q.No.123: If the sum of two consecutive even numbers is 34, what are the numbers?

- | | |
|---------------|---------------|
| (A) 16 and 18 | (B) 14 and 16 |
| (C) 12 and 14 | (D) 18 and 20 |

Q.No.124: The least common multiple (LCM) of 6 and 8 is:

- | | |
|--------|--------|
| (A) 12 | (B) 16 |
| (C) 24 | (D) 48 |

Q.No.125: What is the perimeter of a square with side length 7 cm?

- | | |
|-----------|-----------|
| (A) 28 cm | (B) 21 cm |
| (C) 49 cm | (D) 14 cm |

Q.No.126: A train travels 60 km in 40 minutes. What is its speed in km/h?

- | | |
|--------------|--------------|
| (A) 80 km/h | (B) 90 km/h |
| (C) 120 km/h | (D) 100 km/h |

Q.No.127: What is 20% of 150?

- | | |
|--------|--------|
| (A) 20 | (B) 30 |
| (C) 40 | (D) 50 |

Q.No.128: A number is divided by 8 and the result is 7. What is the number?

- | | |
|--------|--------|
| (A) 15 | (B) 48 |
| (C) 56 | (D) 64 |

Q.No.129: The sum of the interior angles of a quadrilateral is:

- | | |
|-----------------|-----------------|
| (A) 180° | (B) 270° |
| (C) 360° | (D) 450° |

Q.No.130: What is the next number in the sequence: 2, 6, 12, 20, __?

- (A) 28 (B) 30
(C) 32 (D) 34

Q.No.131: The sum of two numbers is 50, and their difference is 10. What are the numbers?

- (A) 30 and 20 (B) 25 and 15
(C) 35 and 15 (D) 40 and 10

Q.No.132: What is the cube root of 512?

- (A) 6 (B) 7
(C) 8 (D) 9

Q.No.133: If the radius of a circle is doubled, its area becomes:

- (A) Twice the original (B) Three times the original
(C) Four times the original (D) Five times the original

Q.No.134: The number 144 is divisible by which of the following?

- (A) 3 and 5 (B) 4 and 6
(C) 5 and 9 (D) 6 and 7

Q.No.135: The volume of a cube with side length 5 cm is:

- (A) 25 cm^3 (B) 50 cm^3
(C) 100 cm^3 (D) 125 cm^3

Q.No.136: The HCF (Highest Common Factor) of 18 and 24 is:

- (A) 6 (B) 8
(C) 12 (D) 18

Q.No.137: If the perimeter of a rectangle is 30 cm and the length is 10 cm, what is the width?

- (A) 5 cm (B) 10 cm
(C) 15 cm (D) 20 cm

Q.No.138: The square of which number is 121?

- (A) 9 (B) 10
(C) 11 (D) 12

Q.No.139: A triangle with all three sides equal is called:

- (A) Scalene (B) Isosceles
(C) Right-angled (D) Equilateral

Q.No.140: A man walks 4 km north and then 3 km east. How far is he from his starting point?

- | | |
|----------|----------|
| (A) 5 km | (B) 6 km |
| (C) 7 km | (D) 8 km |

Q.No.141: Solve: $(2+3) \times (5-2)$

- | | |
|--------|--------|
| (A) 12 | (B) 15 |
| (C) 18 | (D) 25 |

Q.No.142: Which of these numbers is a prime number?

- | | |
|--------|--------|
| (A) 21 | (B) 27 |
| (C) 31 | (D) 39 |

Q.No.143: What is 25% of 200?

- | | |
|--------|---------|
| (A) 25 | (B) 50 |
| (C) 75 | (D) 100 |

Q.No.144: A line that divides a shape into two equal parts is called:

- | | |
|----------------------|--------------|
| (A) Radius | (B) Diameter |
| (C) Line of symmetry | (D) Tangent |

Q.No.145: How many faces does a cube have?

- | | |
|-------|--------|
| (A) 4 | (B) 6 |
| (C) 8 | (D) 12 |

Q.No.146: If the time is 5:30 PM, what is the angle between the hour and minute hands?

- | | |
|-----------------|-----------------|
| (A) 75° | (B) 90° |
| (C) 105° | (D) 120° |

Q.No.147: The sum of the digits of a number is divisible by 3. The number must also be divisible by:

- | | |
|-------|-------|
| (A) 2 | (B) 4 |
| (C) 6 | (D) 9 |

Q.No.148: Find the missing number: 3, 6, 12, 24, __?

- | | |
|--------|--------|
| (A) 30 | (B) 36 |
| (C) 48 | (D) 60 |

Q.No.149: What is the sum of the first five natural numbers?

- | | |
|--------|--------|
| (A) 10 | (B) 15 |
| (C) 20 | (D) 25 |

Q.No.150: The cost of 5 pens is \$45. What is the cost of 8 pens?

- (A) \$64 (B) \$72
- (C) \$80 (D) \$90

Q.No.151: I am always in front of you but can never be seen. What am I?

- (A) A shadow (B) Air
- (C) A mirror (D) The future

Q.No.152: Which word is spelled incorrectly in every dictionary?

- (A) Wrong (B) Dictionary
- (C) Incorrectly (D) None

Q.No.153: What is as light as a feather but even the world's strongest person cannot hold for long? A cloud

- (A) Sand (B) Their breath
- (C) A bubble (D) Time

Q.No.154: Which number should come next? 2, 6, 12, 20, __?

- (A) 28 (B) 30
- (C) 32 (D) 34

Q.No.155: Find the odd one out: Apple, Banana, Tomato, Grape.

- (A) Apple (B) Banana
- (C) Tomato (D) Grape

Q.No.156: Which word does not belong?

- (A) Dog (B) Cat
- (C) Rabbit (D) Lizard

Q.No.157: If 3 cats can catch 3 mice in 3 minutes, how long will it take 100 cats to catch 100 mice?

- (A) 1 minute (B) 3 minutes
- (C) 10 minutes (D) 100 minutes

Q.No.158: If today is Monday, what day will it be in 100 days?

- (A) Wednesday (B) Thursday
- (C) Friday (D) Saturday

Q.No.159: How many times do the clock's hands overlap in a day?

- (A) 12 (B) 22
- (C) 24 (D) 48

Q.No.160: I am not alive, but I can grow. I don't have lungs, but I need air. I don't have a mouth, but water kills me. What am I?

- (A) A plant
- (B) Fire
- (C) A cloud
- (D) A stone

Q.No.161: The more you have of me, the less you see. What am I?

- (A) Light
- (B) Darkness
- (C) Water
- (D) Air

Q.No.162: What can travel around the world while staying in the corner?

- (A) A stamp
- (B) A letter
- (C) A coin
- (D) A plane

Q.No.163: What is full of holes but still holds a lot of weight?

- (A) A sieve
- (B) A sponge
- (C) A net
- (D) A box

Q.No.164: I am an odd number. Take away one letter, and I become even. What am I?

- (A) Seven
- (B) Nine
- (C) Three
- (D) One

Q.No.165: If two is company, and three is a crowd, what is four and five?

- (A) A party
- (B) A group
- (C) Nine
- (D) None of these

Q.No.166: In a race, you overtake the person in second place. What place are you in now?

- (A) First
- (B) Second
- (C) Third
- (D) Fourth

Q.No.167: If a rooster lays an egg on a roof, which way does the egg roll?

- (A) Down the roof
- (B) It doesn't roll
- (C) Off the side
- (D) Roosters don't lay eggs

Q.No.168: If you have a bowl with 6 apples and you take away 4, how many do you have?

- (A) 6
- (B) 4
- (C) 2
- (D) 1

Q.No.169: I am tall when I'm young, and I'm short when I'm old. What am I?

- (A) A candle
- (B) A tree
- (C) A mountain
- (D) A pencil

Q.No.170: Which of these is not like the others?

- | | |
|------------|------------|
| (A) Guitar | (B) Piano |
| (C) Drums | (D) Violin |

Q.No.171: What is the one thing that you can never have more of, no matter how much you try?

- | | |
|---------------|---------------|
| (A) Money | (B) Time |
| (C) Knowledge | (D) Happiness |

Q.No.172: Which of the following does not belong?

- | | |
|------------|------------|
| (A) Apple | (B) Orange |
| (C) Banana | (D) Carrot |

Q.No.173: Which word is the odd one out?

- | | |
|--------------|------------|
| (A) Light | (B) Lamp |
| (C) Darkness | (D) Bright |

Q.No.174: What is always coming but never arrives?

- | | |
|--------------|----------------|
| (A) Tomorrow | (B) The future |
| (C) Today | (D) A letter |

Q.No.175: What can you break, even if you never pick it up or touch it?

- | | |
|---------------|--------------|
| (A) A promise | (B) A pencil |
| (C) A toy | (D) A vase |

Q.No.176: Which number comes next in the pattern: 2, 6, 12, 20, __?

- | | |
|--------|--------|
| (A) 30 | (B) 28 |
| (C) 36 | (D) 42 |

Q.No.177: What comes after the letter 'R' in the alphabet?

- | | |
|-------|-------|
| (A) S | (B) T |
| (C) U | (D) V |

Q.No.178: What has a heart that doesn't beat?

- | | |
|------------------|-------------|
| (A) An artichoke | (B) A plant |
| (C) A stone | (D) A robot |

Q.No.179: Which animal can you never trust?

- | | |
|------------|-------------|
| (A) A lion | (B) A snake |
| (C) A fox | (D) A wolf |

Q.No.180: What comes once in a year, twice in a week, but never in a day?

- | | |
|--------------------|--------------------|
| (A) The letter "E" | (B) The letter "A" |
| (C) A rainbow | (D) A sunset |

Q.No.181: What has many teeth but cannot bite?

- | | |
|--------------|------------|
| (A) A saw | (B) A comb |
| (C) A zipper | (D) A key |

Q.No.182: Which of the following is not a color?

- | | |
|------------|-----------|
| (A) Blue | (B) Green |
| (C) Square | (D) Red |

Q.No.183: How many months have 28 days?

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

Q.No.184: What can you hold in your left hand but not in your right?

- | | |
|---------------------|--------------------|
| (A) Your right hand | (B) Your left hand |
| (C) A pencil | (D) A coin |

Q.No.185: What gets bigger the more you take away?

- | | |
|----------------|-------------|
| (A) A hole | (B) A cloud |
| (C) A mountain | (D) A fire |

Q.No.186: If you take a leaf from a tree, what do you get?

- | | |
|--------------|--------------|
| (A) A branch | (B) A twig |
| (C) A leaf | (D) A flower |

Q.No.187: What word becomes shorter when you add two letters to it?

- | | |
|-----------|-----------|
| (A) Short | (B) Small |
| (C) Big | (D) Tall |

Q.No.188: What is black when it's clean and white when it's dirty?

- | | |
|------------------|-------------|
| (A) A chalkboard | (B) A book |
| (C) A shirt | (D) A plate |

Q.No.189: What can't be used until it's broken?

- | | |
|-------------|--------------|
| (A) A heart | (B) An egg |
| (C) A toy | (D) A mirror |

Q.No.190: What is easy to lift but hard to throw?

- | | |
|---------------|-------------|
| (A) A feather | (B) A ball |
| (C) A stone | (D) A paper |

Q.No.191: Which of these does not belong?

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

Q.No.192: If you have three apples and you take away two, how many apples do you have?

- | | |
|-------|-------|
| (A) 1 | (B) 2 |
| (C) 3 | (D) 0 |

Q.No.193: If you throw a red stone into the blue sea, what will it become?

- | | |
|----------|-----------|
| (A) Wet | (B) Cold |
| (C) Blue | (D) Green |

Q.No.194: Which of these is not a month of the year?

- | | |
|---------------|-----------------|
| (A) January | (B) February |
| (C) September | (D) Sundecember |

Q.No.195: What can you hear but not touch or see?

- | | |
|-----------|-----------|
| (A) Sound | (B) Light |
| (C) Wind | (D) Heat |

Q.No.196: What has a bark but doesn't bite?

- | | |
|-------------|------------|
| (A) A tree | (B) A dog |
| (C) A chair | (D) A lion |

Q.No.197: What is so fragile that saying its name breaks it?

- | | |
|--------------|---------------|
| (A) Glass | (B) A promise |
| (C) A secret | (D) Silence |

Q.No.198: What starts with a P, ends with an E, and has thousands of letters?

- | | |
|-------------------|----------------------|
| (A) A post office | (B) A printer |
| (C) A pen | (D) A piece of paper |

Q.No.199: What is the most common thing in the world that's invisible but has great power?

- | | |
|-------------|-----------|
| (A) Air | (B) Light |
| (C) Gravity | (D) Wind |

Answer Keys

Q.No.1: C	Q.No.31: B	Q.No.61: A	Q.No.91: A	Q.No.121: C	Q.No.151: D	Q.No.181: B
Q.No.2: C	Q.No.32: B	Q.No.62: A	Q.No.92: A	Q.No.122: B	Q.No.152: C	Q.No.182: C
Q.No.3: A	Q.No.33: A	Q.No.63: B	Q.No.93: B	Q.No.123: B	Q.No.153: B	Q.No.183: B
Q.No.4: C	Q.No.34: C	Q.No.64: B	Q.No.94: B	Q.No.124: C	Q.No.154: B	Q.No.184: B
Q.No.5: B	Q.No.35: D	Q.No.65: C	Q.No.95: B	Q.No.125: A	Q.No.155: C	Q.No.185: A
Q.No.6: D	Q.No.36: B	Q.No.66: D	Q.No.96: A	Q.No.126: B	Q.No.156: D	Q.No.186: C
Q.No.7: B	Q.No.37: C	Q.No.67: C	Q.No.97: B	Q.No.127: B	Q.No.157: B	Q.No.187: A
Q.No.8: A	Q.No.38: B	Q.No.68: A	Q.No.98: C	Q.No.128: C	Q.No.158: A	Q.No.188: A
Q.No.9: B	Q.No.39: C	Q.No.69: A	Q.No.99: C	Q.No.129: C	Q.No.159: B	Q.No.189: B
Q.No.10: D	Q.No.40: C	Q.No.70: B	Q.No.100: C	Q.No.130: A	Q.No.160: B	Q.No.190: A
Q.No.11: B	Q.No.41: B	Q.No.71: C	Q.No.101: C	Q.No.131: C	Q.No.161: B	Q.No.191: B
Q.No.12: C	Q.No.42: B	Q.No.72: B	Q.No.102: B	Q.No.132: C	Q.No.162: A	Q.No.192: B
Q.No.13: B	Q.No.43: B	Q.No.73: C	Q.No.103: C	Q.No.133: C	Q.No.163: B	Q.No.193: A
Q.No.14: C	Q.No.44: C	Q.No.74: B	Q.No.104: B	Q.No.134: B	Q.No.164: A	Q.No.194: D
Q.No.15: A	Q.No.45: B	Q.No.75: C	Q.No.105: B	Q.No.135: D	Q.No.165: C	Q.No.195: A
Q.No.16: D	Q.No.46: C	Q.No.76: B	Q.No.106: A	Q.No.136: A	Q.No.166: B	Q.No.196: A
Q.No.17: C	Q.No.47: A	Q.No.77: B	Q.No.107: B	Q.No.137: A	Q.No.167: D	Q.No.197: D
Q.No.18: A	Q.No.48: B	Q.No.78: C	Q.No.108: D	Q.No.138: C	Q.No.168: B	Q.No.198: A
Q.No.19: B	Q.No.49: B	Q.No.79: A	Q.No.109: C	Q.No.139: D	Q.No.169: A	Q.No.199: C
Q.No.20: B	Q.No.50: B	Q.No.80: A	Q.No.110: A	Q.No.140: A	Q.No.170: C	
Q.No.21: B	Q.No.51: A	Q.No.81: B	Q.No.111: C	Q.No.141: B	Q.No.171: B	
Q.No.22: A	Q.No.52: B	Q.No.82: A	Q.No.112: D	Q.No.142: C	Q.No.172: D	
Q.No.23: C	Q.No.53: B	Q.No.83: B	Q.No.113: C	Q.No.143: B	Q.No.173: C	
Q.No.24: B	Q.No.54: C	Q.No.84: B	Q.No.114: A	Q.No.144: C	Q.No.174: A	
Q.No.25: C	Q.No.55: B	Q.No.85: B	Q.No.115: B	Q.No.145: B	Q.No.175: A	
Q.No.26: B	Q.No.56: C	Q.No.86: B	Q.No.116: B	Q.No.146: C	Q.No.176: B	
Q.No.27: A	Q.No.57: B	Q.No.87: C	Q.No.117: B	Q.No.147: C	Q.No.177: A	
Q.No.28: A	Q.No.58: A	Q.No.88: C	Q.No.118: C	Q.No.148: C	Q.No.178: A	
Q.No.29: C	Q.No.59: B	Q.No.89: C	Q.No.119: B	Q.No.149: B	Q.No.179: C	
Q.No.30: B	Q.No.60: B	Q.No.90: D	Q.No.120: C	Q.No.150: B	Q.No.180: A	

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