



# National Officers Academy CSS/PMS ISLAMABAD, RAWALPINDI

# **Everyday Science MCQs**

| The alcohol used in the preparation of dynamite is?                           |
|---|
| A. ethyl alcohol  B. glycerol C. glycol D. methyl alcohol                     |
| The element used in lead pencils is?  |
| A. Zinc B. Lead C. Carbon D. Tin  |
| Epsom salt is chemically known as?  |
| A. Copper Sulfate  B. Magnesium Sulfate  C. Ferrous Sulfate  D. None of these |
| Calcium sulphate is known as?   |
| A. Epsom salt  B. Gypsum salt  C. Blue vitriol  D. Potash alum                |
| Oil of vitriol is?  |
| A. Nitric acid B. Hydrochloric acid C. Phosphoric acid D. Sulfuric acid       |
| The term PVC used in the plastic industry stands for?                         |
| A. Phosphavinyl chloride  |

- B. Phosphor vanadiu chloride
- C. Polyvinyl chloride
- D. Polyvinyl carbobate



| Human bone does not contain?  |
|---|
| A. Calcium B. Chondroitin sulfate C. Boron D. phosphate             |
| Which of the following in the human body is affected by leukemia?   |
| A. Blood B. Lungs C. Eyes D. Nerves                                 |
| The reaction between methane and chlorine in diffused sunlight is?  |
| A. Oxidation B. Reduction C. Polymerisation D. Radical substitution |
| At what temperature does silver melt?                               |
| A. 275 °C<br>B. 327 °C<br><b>C.961.8 °C</b><br>D. 100 °C            |
| Science is derived from Latin word "scientia" which means?          |
| A. Reasoning B. Logic C. Knowledge D. Life                          |
| Calculus was invented by?   |
| A. Al-khawarzimi B. Pythagoras C. IsaaC Newton D. Al.kindi          |
| Analytical solutions to Quadratic equations were introduced by?     |

| A. Al-Khawarzimi   |          |
|--|----------|
| B. Al-haitham  |          |
| C. IsasacNewton  |          |
| D. Pythagoras  |          |
|  |          |
| Study of energy production in living bodies is called?   |          |
| A. Biology   |          |
| B. Biomechanics  |          |
| C. Bioenergetics   |          |
| D. Aerodynamics  |          |
| D. Acrodynamics  |          |
| The study of rearing fine and intelligent human beings through genetics is   |          |
| called ?   |          |
| tuneu  |          |
| A. Eugenics  |          |
| B. Biotechnology   |          |
| C. Cloning   | <i>a</i> |
| D. Geneology   |          |
|  | _        |
| Name the drugs which block the sensory nerves and prevent the patient from feeling   | pain?    |
|  |          |
| A. Analgesics  |          |
| B. Antibiotics   |          |
| C. Antihistamines  |          |
| D. Anaesthetics  |          |
|  |          |
| Inside which organ is the gallbladder located?   |          |
| A. Pancreas  |          |
| B. Liver   |          |
| C. Kidney  |          |
| D. Small intestine   |          |
| D. Sman intestine  |          |
| Name the animal which can do without water in its entire life?   |          |
| A first transaction of the contract of the con |          |
| A. Desert lizard   |          |
| B. Camel   |          |
| C. Kangaroo rat  |          |
| D. Cuttlefish  |          |
| Who first discovered how blood circulates in the human body?   |          |
|  |          |
| A Edward Jenner  |          |

B. Joseph Lister

| National Officers Academy CSS/PM ISLAMABAD, RAWALPINDI       |
|--|
| C. William Harvey D. Gregor Mendel                           |
| Through which organ does a fish respire?                     |
| A. Nose B. Lungs C. Gills D. Fins                            |
| Which lenses are used by people having short-sightedness?    |
| A. Convex  |
| B. Concave C. Concavo-convex                                 |
| D. Plain   |
| Which of the following animals does not have nervous system? |
| A. Bat B. Squirrel C. Sponges D. Lizard                      |
|  |

Which of the following is caused by a deficiency of iron in the diet?

A. Giotre

B. Scurvy

C. Anaemia

D. Rickets

A group of elephants is called\_

A. ZEAL

B. Herd

C. MOB

D. TOWER

Which liquid is used in an aneroid barometer?

A. Mercury

B. Alcohol

C. Water

D. None

# What is the range, in hertz, of the normal human hearing?

A. 10 Hz to 10 kHz

B. 20 Hz to 20 kHz

C. 2000Hz

D. 40 Hz to 40 kHz

# Who invented Logarithm Tables?

- A. John Napier
- B. John Doe
- C. John Harrison
- D. John Douglas

# How many pairs of walking legs does a cockroach have?

- A. One
- B. Two
- C. Three
- D. Four

# What causes mumps?

- A. Fungus
- B. Bacterium
- C. Deficiency of vitamins
- D. Virus

#### In the treatment of which disease is dialysis used?

- A. Ulcers
- B. Heart failure
- C. Kidney failure
- D. Brain tumour

# Which natural element has the highest melting point?

- A. Iron
- B. Tungsten
- C. Copper
- D. Silver

# Which is the hardest substance in the human body?

- A. Tooth enamel
- B. Skull
- C. Knee cap
- D. Rib

# Which of the following is not a mammal?

- A. Fish
- B. Cow
- C. Goat
- D. Whale

# Which Organ is affected by trachoma?

- A. Liver
- B. Lungs
- C. Eyes
- D. Brain

# Which vitamin is available to the human body through sun bathing?

- A. Vitamin A
- B. Vitamin D
- C. Vitamin K
- D. Vitamin B12

# Who first measured the velocity of light?

- A. Einstein
- B. Newton
- C. Ole Roemer
- D. Galileo

# In which part of the Plant does photosynthesis take place?

- A. Flowers
- B. Roots
- C. Stem
- D. Leave

# Which of the following is affected by rickets in the human body?

- A. Bones
- B. Tissues

C. Muscles

D. Blood

# What is the common name for the drug acetyl salicylic acid?

- A. Paracetamol
- B. Analgin
- C. Aspirin
- D. Penicillin

# The sounds of which frequency are human beings most sensitive?

- A. 400 hertz
- B. 20 hertz
- C. 20000 hertz
- D. 5000 hertz

#### On which disease did Robert Koch work?

- A. Tuberculosis
- B. Cholera
- C. Malaria
- D. Diabetes

# Which of the following gases do plants and trees give out during photosynthesis?

- A. Hydrogen
- B. Nitrogen
- C. Oxygen
- D. Carbon dioxide

# Which of the following is not a waterborne disease?

- A. Cholera
- B. Amoebiasis
- C. Typhoid
- D. Influenza

#### Name the branch of science which deals with the study of sound and sound waves?

- A. Aeronautics
- **B.** Acoustics
- C. Aerostatics
- D. Aetiology

# Which metal is added to steel to make it stainless steel?

| A. Chromium  |
|--|
| B. Aluminium   |
| C. Carbon  |
| D. Copper  |
|  |
| The average kinetic energy of the molecules of a body determines?  |
|  |
| A. heat  |
| B. temperature   |
| C. internal energy   |
| D. none  |
|  |
| Which of the following is responsible for largest amount of oxygen on earth?   |
|  |
| A. Peat bogs   |
| B. Algae   |
| C. Trees   |
| D. None of these   |
|  |
| P-waves is a term associated with?   |
|  |
| A. Earthquakes   |
| B. Oceans  |
| C. Wind  |
| D. Rivers  |
|  |
| Chemically finger nails are made up of?  |
|  |
| A. Carbohydrate  |
| B. Fats  |
| C. protein   |
| D. Starch  |
|  |
| "COTTON" is grown on?  |
| A PROBLEM OF THE PROPERTY OF T |
| A. Black soil  |
| B. Red Soil C. Regur Soil  |
| D. Alluvial Sea  |
|  |
| Very small time intervals are accurately measured by the?  |

- A. Pabsars
- B. White dwarfs
- C. Atomic Clocks
- D. None of these

| Who invented | the Hot | Air | Balloon |
|--------------|---------|-----|---------|
|--------------|---------|-----|---------|

- A. Davy
- **B.** Montgolfier
- C. Edison
- D. Jarvik

# Which of the following is a ferromagnetic material?

- A. Tungsten
- B. Aluminium
- C. Copper
- D. Nickel

# What are the primary colors of Light?

- A. White, Black, Blue
- B. Red, Yellow, Blue
- C. Red, Orange, Blue
- D. Red, Green, Blue

# What are the primary colors of Pigment?

- A. White, Black, Blue
- B. Red, Yellow, Blue
- C. Red, Orange, Blue
- D. Red, Green, Blue

# The post-mortem examination of a body is called \_\_\_\_\_?

- A. Etymology
- **B.** autopsy
- C. Anatomy
- D. None of these

#### The luster of diamond is due to\_\_\_\_\_?

- A. Reflection
- **B.** Total internal reflection

C. Refraction

A. Cat
B. Lizard
C. Snake

D. None of these

D. None of these

| Which statement | about so | ound is | true |
|-----------------|----------|---------|------|
|-----------------|----------|---------|------|

| . Sound can't travel through vacuum  |   |
|--|---|
| . Sound can't travel through glass   |   |
| Sound can't travel through water   |   |
| O. Non of theses   |   |
|  |   |
| nology is the study of?  |   |
|  |   |
| . Wine   |   |
| . Digestion  |   |
| 2. Kidneys   |   |
| D. None  |   |
|  |   |
| lephology is study of?   |   |
|  |   |
| A. Knowledge   |   |
| 3. Clouds  |   |
| 2. Rain  |   |
| O. None  |   |
| . I tolic  |   |
| The Reason for a Swimming Pool to appear Less Deep than the actual depth is  | 9 |
| The Reason for a Swimming 1 our to appear Dess Deep than the actual depth is | · |
| . Refraction   |   |
| Light scattering   |   |
| 2. Reflection  |   |
| D. Interference  |   |
| 7. Interreficie  |   |
| Ombrophobia is fear of?  |   |
| ombiophobia is rear or   |   |
| . Rain   |   |
| S. Snow  |   |
| S. Smog  |   |
| D. None of these   |   |
| 7. INOIDE OF UTESE   |   |
| Which areature is the symbol of Madisine?                                    |   |
| Which creature is the symbol of Medicine?                                    |   |

Composed By: Miss Aysha Sethi and Sir Ahmad Rana National Officers Academy (NOA) | CSS /PMS/PCS/G. K



| A reptile with a four-chambered heart is?                    |
|--|
| A. Snake B. Turtle C. Lizard D. Crocodile                    |
|  |
| Which Gas is included in Fry Chips Packets for safety?       |
| A. Nitrogen gas B. Carbon dioxide C. Oxygen D. Hydrogen      |
| Study of Soil is called?                                     |
| A. Pedology B. Pedagogy C. sociology D. Demography           |
| The type of glass used in making lenses and prism is?        |
| A. Pyrex glass B. jena glass C. Flintglass D. Soft glass     |
| What "Enrico Fermi" invented?                                |
| A. X ray machine B. Betatron C. Cyclotron D. Nuclear reactor |
| The metal, which is a constituent of vitamin B12 is?         |
| A. Iron  |
| B. Magnesium C. Zinc   |
| D. Cobalt  |
| Tetanus is caused by?  |

A. Clostridium

| C. Bacteriophage D. Salmonella   |
|--|
| The carbon dioxide content in the air that we exhale is about?   |
| A. 4% B. 9% C. 15% D. 16%  |
| Which of the part of tongue bears cells for sour taste?  |
| A. Front B. Back C. Sides  |
| Cell or Tissue death within a living body is called as?  |
| A. Neutrophilia B. Nephrosis C. Necrosis D. Neoplasia  |
| What inspired reflecting road lights to be invented?   |
| A. Car door reflecting mirrors  B. The light a cat's eyes gave off on a fence C. Sun light on steel posts on road sides D. The sun light on the windshield |
| Insufficient blood supply in human body is referred as?  |
| A. Ischemia B. Hyperemia C. Hemostasia D. Hemorrhage   |
| The toxicity of which of the following heavy metals leads to Liver cirrhosis?  |
| A. Copper B. Lead  |



| C. Mercury D. Zinc  |
|---|
| EEG records the activity of?  |
| A. Heart  |
| B. Lungs  |
| C. Brain  |
| D. Muscles  |
| Animals living in the Tree trunks are known as?   |
| A. Arboreal   |
| B. Volant   |
| C. Amphibious   |
| D. Aquaticx   |
| What happens to a person who receives the wrong type of blood?                                    |
| A. All the arteries constrict   |
| B. All the arteries dialates  |
| C. The RBCs agglutinate   |
| D. The spleen and lymphnodes deteriorate  |
| The brain of human adult weighs about?  |
| A. 1200 – 1300 gm   |
| B. 1600 – 2000 gm   |
| C. 500 – 800 gm   |
| D. 100 – 200 gm   |
| The chility of the Eye to goe in the dealy is due to the modulation of a number of an expense.    |
| The ability of the Eye to see in the dark, is due to the production of a purple pigment known as? |
| A. Carotene   |
| B. Rhodopsin  |
| C. Iodopsin   |
| D. Retinene   |
| Magnitude of energy released by an earthquake is calculated using?                                |
| A. Earthquake scale   |
| B. Seismic scale  |

| D. Temblor scale  |
|---|
| The point within the Earth where earthquakes originate is?              |
| A. Comma B. Origin C. Epicenter D. Focus                                |
| Place directly above focus on Earth's surface is known as?              |
| A. Strike B. Comma C. Epicenter D. Origin                               |
| In general, the most destructive earthquake waves are the?              |
| A. P waves B. S waves C. Surface waves D. All of the above              |
| P Waves are also said to be waves?                                      |
| A. Push-pull B. Side-side C. Up-down D. None of the above               |
| Earthquakes occur most frequently at?                                   |
| A. Plate boundaries  B. Plate surface C. Ocean beds D. All of the above |
| Sericulture is the study of which discipline?                           |
| A. silk production B. milk Production                                   |

| C. honey production D. forest timber production                |
|--|
| Study of fruit is called?                                      |
| A. Pomology B. Plriculture C. Sericulture                      |
| D. Apiculture  |
| Rearing of honey bees for honey production is called?          |
| A. Sericulture  B. Apiculture  C. Viticulture  D. Bees culture |
| Silver fish is the name of?                                    |
| A. Insect B. Fish C. Bird D. Mammal                            |
| Scientific Name of Human is?                                   |
| A. Homo sapiens B. Mono sapiens C. Bio sapiens D. Cosmopolitan |
| 'Satiety' is the condition in which patient lacks?             |
| A. Talk  B. Eat  C. Sleep  D. Walk                             |
| 'Christian Friedrich Schönbein' discovery is?                  |
| A. Ozone B. Radium C. Cholorine                                |

D. Neutron

#### What is the chemical formula of Ozone?

A. H2O B. C12

C. O3

D. CH4

#### When Pluto was cast out from the list of Planets?

- A. September 24, 2006
- B. April 28, 2004
- C. January 26, 2006
- D. August 24, 2006

#### what is anthracite?

- A. Carbon
- B. Hard coal
- C. Ammonia
- D. None of these

# The image formed in a compound microscope is\_\_\_\_\_\_

- A. erect
- B. inverted
- C. sometimes erect, sometimes inverted
- D. none

# The lens used in a simple microscope is\_\_\_\_\_?

- A. Concave
- B. Convex
- C. Cylindrical
- D. None

# What is the first element in the periodic table?

- A. Hydrogen
- B. Helium
- C. Nitrogen
- D. Carbon

#### Who is considered the "father of psychoanalysis?

- A. Sigmund Frend
- B. Galileo
- C. Aristotle
- D. Fabrica

# At what temperature are Celsius and Fahrenheit equal?

- A. -40 degree
- B. 40 degree
- C. -10 degree
- D. 10 degree

# Diamonds are made up almost entirely of what element?

- A. Carbon
- B. Helium
- C. Methane
- D. Nitrogen

#### Who came up with three laws of motion?

- A. Galileo
- B. Albert Einstein
- C. Issac Newton
- D. Hubble

# What has no charge, and is one of the fundamental particles making up an atom's nucleus?

- A. Electron
- B. Neutron
- C. Proton
- D. All of Above

# What are the three basic units of measurement for the metric system?

- A. Metre, litre and gramme
- B. Centimetre, kilograms and metric
- C. Kilogram, mass and energy
- D. Kelvin, cd and mole

#### Which are the only two elements on the periodic table that are liquid at room temperature?

- A. Mercury and Bromine
- B. Carbon and helium

- C. Nitrogen and Hydrogen
- D. Oxygen and Neon

# Who invented the first battery?

- A. Alessandro volta
- B. Tim Berner
- C. Rob Stothard
- D. Georges Leclanche

# Lunar eclipse occurs on\_\_\_\_\_

- A. New Moon
- B. Full Moon
- C. Half Moon
- D. Quarter Moon

# Tooth decay is caused by?

- A. Salt
- B. Sugar
- C. Calcium
- D. Formalin

# The protein content in wheat is approximately?

- A. 8%
- B. 6%
- C. 13%
- D. 17%

# What is the medical term for low blood sugar?

- A. Hypoglycemia
- B. Lymphoblastic leukemia
- C. Pulmonary edema
- D. Diabetes mellitus

# The average human body contains how many pints of blood?

- A. 3 to 5 pints
- B. 5 to 7 pints
- C. 7 to 8 pints
- **D.** 9 to 12 pints

| People with what blood type can give blood to anyone and are thus called universal donors? |
|--|
| A. O-<br>B. O<br>C. AB+<br>D. AB-  |
| Penicillin is used to fight what type of infections?                                       |
| A. Bacteria B. Viral C. Pneumonia D. Sepsis  |
| The olfactory nerves affect what sense in brain?   |
| A. Smell B. Feel C. Touch D. Hear  |
| What is the body's natural or acquired ability to resist certain diseases?                 |
| A. Immunity B. Endocrine C. Exocrine D. All of above                                       |
| What type of Energy does spring have?  |
| A. Elastic Potential Energy B. Kinetic Energy C. Potential Energy D. None of the above     |
| Red + Green + Blue =?  |
| A. Maroon  B. White C. Black D. None of the above  |

**Soap is \_\_\_\_\_?** 

- A. Acid
- B. Chemical
- C. Powder
- D. Salt

| The  | chemical   | name of   | "Acid" | (Tezaab) is    | 9        |
|------|------------|-----------|--------|----------------|----------|
| 1116 | CHEIIIICAI | Haille OI | Aciu   | ( I ezaai)) is | <u>.</u> |

- A. Sulfuric acid
- B. Sodium chloride
- C. Citric Acid
- D. None of these

# Which human hormone is called love hormone?

- A. Oxytocin
- B. Melatonin
- C. Adrenalin
- D. Renin

# How many layers does the earth have?

- A. 1
- B. 2
- C. 3
- D. 4

# Earth is divided into following three layers?

- a. Crust, Mountains, Oceans
- b. Crust, Mantle, Trenches
- c. Trenches, Mountains, Core
- d. Crust, Mantel, Core

# Which of the following cannot be stored in glass bottle?

- A. Aqua regia
- B. HF
- C. HCL
- D. HBr

# Which of the following mixture of gases is required in gas welding?

- A. Oxygen and ethylene
- B. Oxygen and hydrogen

| C. Acetylene and oxygen D. Acetylene and hydrogen                          |
|--|
| Dead red blood corpuscles are stored in?                                   |
| A. Liver   |
| B. Spleen  |
| C. Kidney  |
| D. Heart   |
| Who invented "Aspirin" in 1897?  |
|  |
| A. Barnard   |
| B. Newton  |
| C. Felix Hoffmann D. McLeod  |
| D. McLeod  |
| "Beaufort Scale" is used to measure?                                       |
| A. Wind Velocity B. Air Pressure C. Wind Direction D. Humidity             |
| 746 watts are equivalent to?   |
| A. 1 Joule   |
| B. 1 erg   |
| C. 1HP   |
| D. 1 poise   |
| Sunlight is made ofcolours?  |
| A. Seven colours   |
| B. Five colours  |
| C. Three colours   |
| D. Non of these  |
| Which of the following slows down the formation of RBCs (Red Blood Cells)? |

**D. Vitamin E**Composed By: Miss Aysha Sethi and Sir Ahmad Rana

National Officers Academy (NOA) | CSS /PMS/PCS/G. K

A. Vitamin B-1 B. Vitamin C C. Vitamin D



| The deficiency of vitamin E causes?                          |
|--|
| A. Weak immune system  |
| B. Weak bones  |
| C. Lack of appetite  |
| D. Sterility   |
| The deficiency of vitamin K causes?                          |
| A. Loss of appetite  |
| B. Scurvy  |
| C. Sterility   |
| D. Blood clotting disorder                                   |
| Which of the following vitamin is known as Niacin?           |
| A. vitamin B-6   |
| B. vitamin B-12  |
| C. vitamin B-1   |
| D. vitamin B-3   |
| How many times the sun is bigger than the size of the earth? |
| A. 69 times  |
| B. 89 times  |
| C. 99 times  |
| D. 109 times   |
| Granite is a?  |
| A. Metamorphic rock  |
| B. Igneous rock  |
| C. Sedimentry rock D. None of these                          |
| D. Nolle of these  |
| In Homo Sapiens (Human) the fertilization occurs in the?     |
| A. Uterus  |
| B. Ovaries   |
| C. Oviduct D. Cervix   |
|  |
| D. CCIVIX  |

 $\label{thm:condition} Which gas is used in preparation of Soda \ water?$ 

- A. Ammonia
- B. Hydrogen
- C. Nitrogen
- D. Carbon Dioxide

| Science which o | deals with the | position and | movement of | of heavenly | bodies? |
|-----------------|----------------|--------------|-------------|-------------|---------|
|                 |                |              |             |             |         |

- A. Astrophysics
- **B.** Astronomy
- C. Astrology
- D. Astronautics

#### What is amoxicillin?

- A. Type of birth control
- B. A herbal remedy
- C. An antibiotic
- D. None

# Which breed of dog has a black tongue?

- A. Chow Chow
- B. Shih Tzu
- C. Husky
- D. None

# Who invented bifocal eyeglasses?

- A. Ibn-e-Haitem
- B. Benjamin Franklin
- C. Archemedes
- D. None

# How many blood vessels can be found in the Umbilical Cord?

- A. Two
- B. One
- C. Four
- D. Three

# Maxilla bones are found in\_\_\_\_\_?

- A. Jaw
- B. Toe

C. Ear

D. Stomach

| How many eyes do | es a wori | n have? |
|------------------|-----------|---------|
|------------------|-----------|---------|

- A. Two
- B. Three
- C. One
- D. None

# Where is the uvula located in human body?

- A. Throat
- B. Stomach
- C. Scrotum
- D. None

# Which bone in human body is not directly attached to other bones?

- A. Ulna
- B. Hyoid
- C. Tibia
- D. Cranium

#### Goitre is associated with \_\_\_\_\_?

- A. Pituitary gland
- B. Thyroid gland
- C. Thymus gland
- D. Para-Thyroid gland

# Most of the weather phenomena take place in which of the following layers of the atmosphere?

- A. Mesosphere
- B. Ionosphere
- C. Stratosphere
- D. Troposphere

# How many hearts an Octopus has?

- A. 10
- B. 8

C. 5 **D. 3** 

# What is the date when day and night are equal?

- A. March 21 and December 24
- B. January 14 and September 23
- C. March 20 and September 23
- D. January 14 and June 22

# Animal with the sharpest hearing ability?

- A. Rat
- B. Greater wax moth
- C. Bat
- D. Squirrel

# A bird that can fly backwards?

- A. Bat
- B. Humming Bird
- C. Crimson Sun Bird
- D. Cardinal Bird

# Age of the lion is determined through?

- A. Nose Colour
- B. Length of the tail
- C. Length of Nails
- D. Hair Colour

# Stripes on each side of "Grévy's Zebra" is about\_\_\_\_\_?

- A.20+
- B. 30+
- C.80+
- D. 36+

#### Which animal has no vocal chords?

- A. Lion
- B. Zebra
- C. Dolphin
- D. Giraffes



| The average acceleration caused by gravity per second is?  |
|--|
| A. 22 feet <b>B. 32 feet</b> C. 52 feet  D. 42 feet  |
| Which of the following branch of Physics deals with the internal structure of earth?                 |
| A. Biophysics  B. Geophysics C. Plasma physics D. Atomic physics  The matter of our sun is in state? |
|  |
| A. Liquid B. Gas C. Solid D. Plasma  |
| Which of the following is the SI unit of volume?   |
| A. Meter cube  |
| B. Cm cube   |
| C. mm cube D. Km cube  |
| B. Kill cube   |
| How many mm are there in 10 cm?  |
| A. 100mm B. 200mm C. 50mm D. 10mm  |
| Which process includes all of the other processes listed?  |
| A. Absorption B. Assimilation Secretion D. Metabolism  |
| The disease "Itai Itai "is caused by?  |

| Officers Action of the Property of the Propert | LAHORE<br>CAMPUS | National<br>ISLA | Officers<br>AMABAD, RAWAL | Academy | CSS/PMS |
|--|------------------|------------------|---------------------------|---------|---------|
| A. Carbon  |                  |                  |                           |         |         |

| B. Cadmium   |   |
|--|---|
| C. Manganese   |   |
| D. None of these   |   |
| What is known the cold and dense air blowing down from the mountain slope during th  | ^ |
| night?   | Е |
|  |   |
| A. Anabatic Wind   |   |
| B. Katabatic wind  |   |
| C. Lue Wind  |   |
| D. None of these   |   |
| Mobel Scale? is used to indicate the   |   |
| Mohs' Scale" is used to indicate the?  |   |
| A. Degree of hardness of minerals  |   |
| B. Degree of viscosity of a liquid   |   |
| C. Degree of elasticity of a material  |   |
| D. Degree of brittleness of a substance  |   |
| Roing Myonia magne you have problem in cooing  |   |
| Being Myopic means you have problem in seeing?   |   |
| A. Distant objects clearly   |   |
| B. Close objects clearly   |   |
| C. Both A and B  |   |
| D. Distant and close objects look unclear  |   |
| The second secon |   |
| Hypermetropia or Hyperopia means being able to see?  |   |
| A. Distant objects opaque  |   |
| B. Distant object clearly  |   |
| C. Close objects unclear   |   |
| D. Close objects clearly   |   |
| B. Instrument that measure the electric force?   |   |
|  |   |
| A. Hygrometer  |   |
| B. Hydrometer  |   |
| C. Ammeter D. Voltmeter  |   |
| D. Voluncies   |   |
|  |   |
| Silicon is an example of?  |   |

A. No-conductor

| B. Semiconductor C. Super Conductor D. None of these  |
|---|
| According to quantum theory of light, photons are?  |
| A. Waves B. Particles C. Energy packets D. Electromagnetic  |
| The unit of torque in International system of unit is?  |
| A. Newton  B. Newton-Meter C. Kilogram D. Meter  A temporary magnet should be made from?  |
| A. Copper   |
| B. Tin C. Iron D. None  |
| Which one of the following is not vector quantity?  |
| A. Acceleration B. Displacement C. Speed D. Force   |
| Which one of the following represents a chemical change?  |
| A. Sublimation of iodine B. Heating a platinum wire in a Bunsen flame C. Heating of mercuric oxide powder D. Evaporation of alcohol |



| The hormone that in person is | ncreases the rate of heart beat and blood pressure after shock in a?  |   |
|-------------------------------|---|---|
| A. Adrenalin                  |   |   |
| B. Gastrin                    |   |   |
|                               |   |   |
| C. Thyroxin                   |   |   |
| D. Pancreatic                 |   |   |
| Which layer of the            | atmosphere reflects radio waves back to the earth's surface?  |   |
| A. Troposphere                |   |   |
| B. Stratosphere               |   |   |
| C. Ozone layer                | 100 A |   |
| D. Ionosphere                 |   |   |
| The everege weight            | of man's brain is 4.8 average What is the average weight of woman's   |   |
| rne average weight<br>brain ? | t of man's brain is 4.8 ounces. What is the average weight of woman's   |   |
|                               |   |   |
| A. 4.8 ounce                  |   |   |
| B. 5.8 ounce                  |   |   |
| C. 5.4 ounce                  |   |   |
| D. 4.4 ounce                  |   |   |
| The blind spot is lo          | cated at the of the eye ?   |   |
| A. pupil                      |   |   |
| B. vitreous humor             |   |   |
|                               |   |   |
| C. aqueous humor              |   |   |
| D. optic disc                 |   |   |
| A clouding that dev           | velops in the lens of the <mark>eye or in its</mark> envelope obstructing the passage o   | f |
| light is known as             | ?   |   |
| A. Glaucoma                   |   |   |
| B. Hemophilia                 |   |   |
| C. Cataract                   |   |   |
| D Diphtheria                  |   |   |
| 100000                        |   |   |
| A common skin con             | ndition that causes skin redness and irritation is known as?  |   |
| A. Psoriasis                  |   |   |
| B. Hypermetropia              |   |   |
| C. Leukoderma                 |   |   |
| D. Diphtheria                 |   |   |
| B12 deficiency can            | nroduce ?   |   |
| D14 UCHCICICY CAll            | Composed By: Miss Avsha Sethi and Sir Ahmad Rana  |   |

**Composed By:** Miss Aysha Sethi and Sir Ahmad Rana **National Officers Academy** (NOA) | CSS /PMS/PCS/G. K



| A. Insomnia  |
|--|
| B. Microcytic anemia   |
| C. Pernicious anemia   |
| D. None Of these   |
|  |
| Ozone layer protects the Earth from radiations from the Sun. |
| A. microwaves  |
| B. infrared  |
| C. X-rays  |
| D. ultraviolet   |
|  |
| The only living cells in the body without blood supply is?   |
|  |
| A. Pupil   |
| B. Nail  |
| C. Cornea  |
| D. Hair  |
|  |
| Liver uses which vitamin for creating new Red Blood cells?   |
| A. B12   |
| B. B6  |
| C. A   |
| D. K   |
|  |
| Biopsy is done on tissues taken from?                        |
| Diopsy is done on dissues tunon from                         |
| A. Human body  |
| B. Animal body   |
| C. Living body   |
| D. Dead body   |
|  |
| Trypsin is an enzyme which digests protein produced by?      |
| A. Liver   |
| B. Pancreas  |
| C. Stomach   |
| D. Small intestine   |
|  |
| Black gold is an oil; Black diamond is?                      |
| A. Copper  |
| B. Iron  |



# National Officers Academy CSS/PMS ISLAMABAD, RAWALPINDI

C. Coal D. Wood

| Guava has the maximum amount of which Vitamin?                |
|---|
| A. vitamin K  |
| B. vitamin B  |
| C. vitamin C  |
| D. vitamin D  |
| The most dense and heaviest planet is?                        |
| A. Jupiter <b>B. Earth</b> C. Mars  D. Venus                  |
| Ring planet is Saturn; least dense and 2nd largest planet is? |
| A. Jupiter  |
| B. Saturn   |
| C. Neptune  |
| D. Mercury  |
| Apiculture refers to?   |
| A. Rearing silk worms   |
| B. Science of bee keeping                                     |
| C. Science of gardening                                       |
| D. Science of cultural norms and trends                       |
| Which of the following plants are called arthrophytes?        |
| A. Sphenopsids  |
| B. Lycopsids  |
| C. Psilopsids   |
| D. Pteropsids   |
| Reptiles hibernate during?                                    |
|   |
| A. Summer   |
| B. Winter   |
| C. Spring   |
| D. Autumn   |



| The "Rising" of the "evening star" indicates the direction of the?      |
|---|
| A. South Pole B. East C. West D. North                                  |
| The Planet which revolves slowly around the Sun is?                     |
| A. Mercury B. Mars C. Earth D. Neptune                                  |
| The Saturn rings discovered by?   |
| A. Newton B. Robert Brown C. Galileo D. None of these                   |
| Water has been discovered on which potentially habitable super-Earth?   |
| A. K2-14d<br>B. K2-15c<br>C. K2-13a<br><b>D. K2-18b</b>                 |
| The lenses are used for the correction of:?                             |
| A. Long-sightedness B. short sightedness C. Both A & B D. None of those |
| Nervous system includes which of these major components?                |
| A. Brain B. Brain & Back Bone C. brain, spinal cord and neurons D. None |