

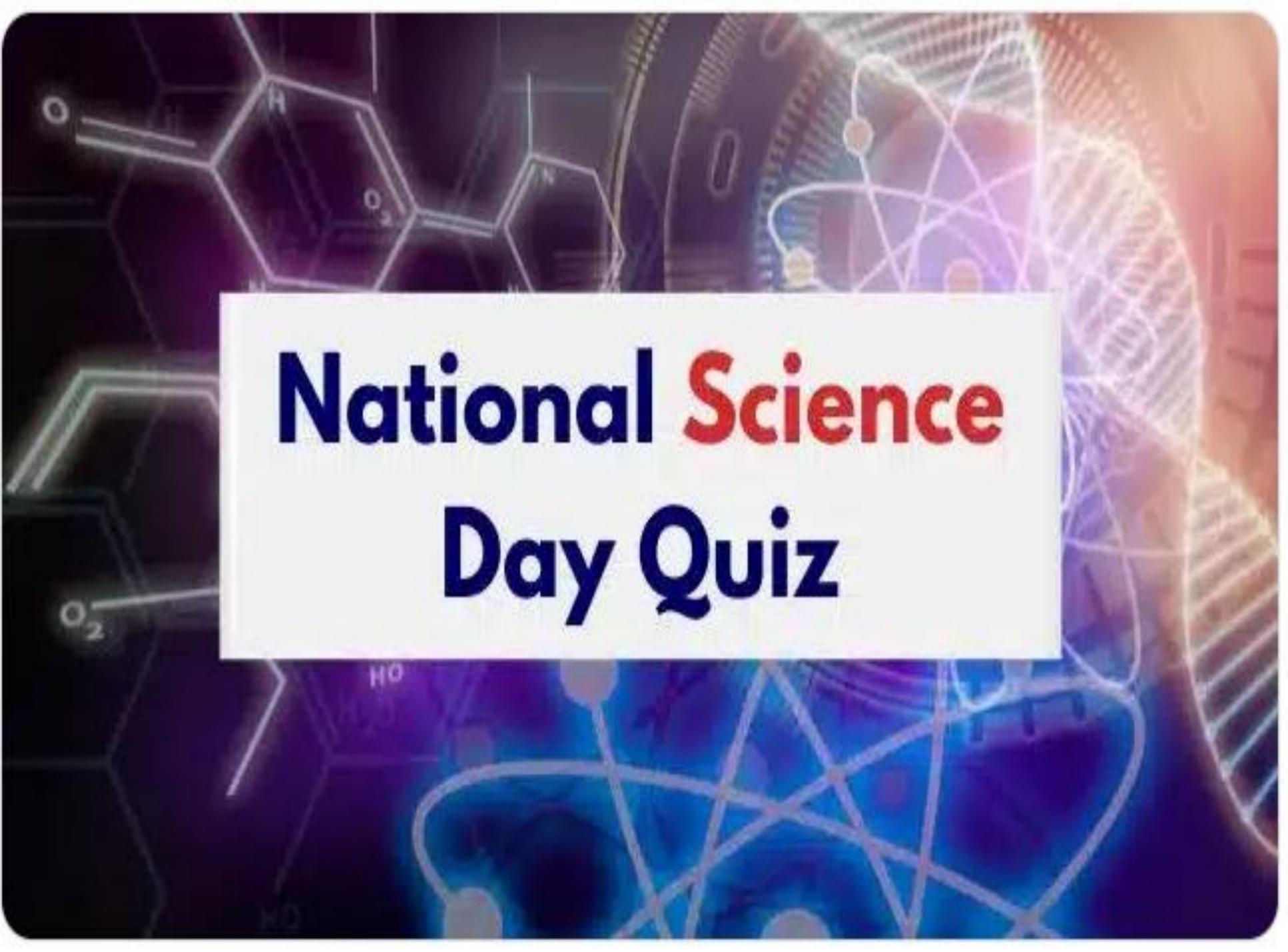
Quiz Competition

By Department of Zoology



DEPARTMENT OF ZOOLOGY

Welcome You



**National Science
Day Quiz**

Question:

- **Which pair of classes of arthropods does not have any living representatives?**

Question with Option

- **Which pair of classes of arthropods does not have any living representatives?**
 - ▣ **Copepoda and Merostomata**
 - ▣ **Diplopoda and Symphyla**
 - ▣ **Trilobita and Eurypterida**
 - ▣ **Trilobita and Insecta**

Right Answer

- **Which pair of classes of arthropods does not have any living representatives?**
 - **Trilobita and Eurypterida**

Question:

- **The respiratory pigment of the molluscs is**

Question with Option

- **The respiratory pigment of the molluscs is**
 - ▣ **Haemoglobin in the blood plasma**
 - ▣ **Haemocyanin in the blood plasma**
 - ▣ **Myoglobin in blood cells**
 - ▣ **Hemocyanin in the blood cells**

Right Answer

- **The respiratory pigment of the molluscs is**
- **Haemocyanin in the blood plasma**

Question:

- **In which class of Cnidarias you can find metagenesis?**

Question with Option

- **In which class of Cnidarias you can find metagenesis?**
 - ▣ **Scyphozoa**
 - ▣ **Actinozoa**
 - ▣ **Hydrozoa**

Right Answer

- **In which class of Cnidarias you can find metagenesis?**
- **Hydrozoa**

Question:

- **Consider the following statements:**
 - ▣ **Wood or cellulose eating termites: *Zootermopsis***
 - ▣ **Soil feeding Termites: *Cubitermes***
 - ▣ **Fungus Eating termites: *Basidiomycetes***

Question with Option

- **Consider the following statements :**
 1. **Wood or cellulose eating termites: *Zootermopsis***
 2. **Soil feeding Termites: *Cubitermes***
 3. **Fungus Eating termites: Basidiomycetes**
- **Which one is Correct**
- **A. 1 & 2**
- **B. 1**
- **C All of these**
- **D None of these**

Right Answer

1. **Wood or cellulose eating termites: *Zootermopsis***
 2. **Soil feeding Termites: *Cubitermes***
 3. **Fungus Eating termites: Basidiomycetes**
- **Correct statements are**
 - **C All of these**

Question:

- Eggs of *Pediculus* are

Question with Option

- **Eggs of *Pediculus* are**
 - **Nits**
 - **Tumblers**
 - **Naiads**
 - **Instars**

Right Answer

- Eggs of *Pediculus* are
 - Nits

Question:

- **Which statement is true about Moulting Event?**

Question with Option

- **Which statement is true about Moulting Event?**
 - A. **Calcium is removed from the old exoskeleton and calcium content of the blood calcium increased.**
 - B. **Old exoskeleton thrown out and animal swell up by taking water and air in their internal spaces.**
 - C. **New exoskeleton is hardened**

Question with Option

- **Which statement is true about Moulting Event?**
 - A. **Old exoskeleton thrown out and animal swell up by taking water and air in their internal spaces.**
 - B. **New exoskeleton is hardened**
 - C. **Calcium is removed from the old exoskeleton and calcium content of the blood calcium increased.**
 - i. **Proecdysis**
 - ii. **Ecdysis**
 - iii. **Metaecdysis**

Question with Option

□ **Which statement is true about Moulting Event?**

- A. Old exoskeleton thrown out and animal swell up by taking water and air in their internal spaces.
- B. New exoskeleton is hardened
- C. Calcium is removed from the old exoskeleton and calcium content of the blood calcium increased.

- i. **Proecdysis**
- ii. **Ecdysis**
- iii. **Metaecdysis**

- 1. A→i, B→ii C→iii
- 2. A→ii, B→iii C→i
- 3. A→ii, B→i C→iii
- 4. A→i, B→iii C→ii

Right Answer

- **Which statement is true about Moulting Event?**
- A. **Old exoskeleton thrown out and animal swell up by taking water and air in their internal spaces.**
 - B. **New exoskeleton is hardened**
 - C. **Calcium is removed from the old exoskeleton and calcium content of the blood calcium increased.**
- i. **Proecdysis**
 - ii. **Ecdysis**
 - iii. **Metaecdysis**
2. **A→ii, B→iii C→i**

Question:

- ▣ **In hypermetamorphism, there are**

Question with Option

- **In hypermetamorphosis, there are**
 - ❑ **Several larval moulting**
 - ❑ **More than one pupal stage**
 - ❑ **Several larval stages showing different structure and habits**
 - ❑ **Several types of larvae**

Right Answer

- ▣ **In hypermetamorphosis, there are**
 - ▣ **Several larval stages showing different structure and habits**

Question:

- **In which Phylum do you find hypnotoxin?**

Question with Option

- ☐ **In which Phylum do you find hypnotoxin?**
 - ☐ **Cnidaria**
 - ☐ **Mollusca**
 - ☐ **Echinodermata**

Right Answer

- ❑ **In which Phylum do you find hypnotoxin?**
 - ❑ **Cnidaria**

Question:

- **What is the scientific name of Dead-men's finger?**

Question with Option

- **What is the scientific name of Dead-men's finger?**
 - *Alcyonium sp.*
 - *Gorgonia sp.*
 - *Acropora sp.*

Right Answer

- **What is the scientific name of Dead-men's finger?**
 - **Alcyonium sp.**

Question:

- **What is the scientific name brain coral?**

Question with Option

- **What is the scientific name brain coral?**
 - *Porites sp.*
 - *Meandrina sp.*
 - *Fungia sp.*

Right Answer

- **What is the scientific name brain coral?**
 - *Meandrina sp.*

Question:

- ❑ **Select the atoll from the options below-**

Question with Option

- ☐ **Select the atoll from the options below-**
 - ☐ **The Andaman and Nicobar Islands**
 - ☐ **Gulf of Mannar**
 - ☐ **Lakshadeep**

Right Answer

- **Select the atoll from the options below-**
 - *Lakshadeep*

Question:

- **Which phylum is exclusively marine**

Question with Option

- **Which phylum is exclusively marine**
 - **Echinodermata**
 - **Protozoa**
 - **Porifera**
 - **Arthropoda**

Right Answer

- **Which phylum is exclusively marine**
 - **Echinodermata**

Question:

- **Daphnia resembles aphids in**

Question with Option

- **Daphnia resembles aphids in**
 - **Parasitic mode of living**
 - **Aquatic habitat**
 - **Presence of carapace**
 - **Parthenogenesis for a few generation**

Right Answer

- **Daphnia resembles aphids in**
 - **Parthenogenesis for a few generation**

Question:

- **An arthropod having unjointed legs is**

Question with Option

- **An arthropod having unjointed legs is**
 - **Limulus**
 - **Peripatus**
 - **Eupagurus**
 - **Millipede**

Right Answer

- **An arthropod having unjointed legs is**
 - **Peripatus**

Question:

- **Ophiothrix belongs to class**

Question with Option

- ❑ **Ophiothrix belongs to class**
 - ❑ **Asteroidea**
 - ❑ **Echinoidea**
 - ❑ **Ophiuroidea**
 - ❑ **Holothuroidea**

Right Answer

- **Ophiothrix belongs to class**
 - **Ophiuroidea**

Question:

- **An echinoderm with melon-shaped body is**

Question with Option

- ☐ **An echinoderm with melon-shaped body is**
 - ☐ **Sea-star**
 - ☐ **Brittle star**
 - ☐ **Sea cucumber**
 - ☐ **Sea urchin**

Right Answer

- **An echinoderm with melon-shaped body is**
 - **Sea urchin**

Question:

- **Common name of *Antedon* is**

Question with Option

- **Common name of *Antedon* is**
 - **Sea star**
 - **Feather star**
 - **Star fish**
 - **Cake urchin**

Right Answer

- **Common name of *Antedon* is**
 - **Feather star**

Question:

- **Sea cucumber belongs to the class**

Question with Option

- **Sea cucumber belongs to the class**
 - **Holothuroidea**
 - **Asteroidea**
 - **Echinoidea**
 - **Ophiuroidea**

Right Answer

- **Sea cucumber belongs to the class**
 - **Holothuroidea**

Question:

- **Cloacal respiration occurs in**

Question with Option

- **Cloacal respiration occurs in**
 - **Clypeaster**
 - **Antedon**
 - **Echinus**
 - **Cucumaria**

Right Answer

- **Cloacal respiration occurs in**
 - **Cucumaria**

Question:

- **Arms, spines and pedicellaria are absent in**

Question with Option

- ☐ **Arms, spines and pedicellaria are absent in**
 - ☐ **Sea urchin**
 - ☐ **Sea star**
 - ☐ **Sea lily**
 - ☐ **Sea cucumber**

Right Answer

- **Arms, spines and pedicellaria are absent in**
 - **Sea cucumber**

Question:

- **The term ambulacral has to do with**

Question with Option

- **The term ambulacral has to do with**
 - **Inter filament bridges**
 - **Marine animals**
 - **Myosin filaments**
 - **Tube feet**

Right Answer

- **The term ambulacral has to do with**
 - **Tube feet**

Question:

- **The regeneration abilities of echinoderms are**

Question with Option

- **The regeneration abilities of echinoderms are**
 - **Slight**
 - **Moderate**
 - **Phenomenal**
 - **Occasional**

Right Answer

- **The regeneration abilities of echinoderms are**
 - **Phenomenal**

Question:

- **Sea pentagon is common name of**

Question with Option

- ☐ **Sea pentagon is common name of**
 - ☐ **Star fish**
 - ☐ **Sea urchin**
 - ☐ **Sea lily**
 - ☐ **Pentaceros**

Right Answer

- **Sea pentagon is common name of**
 - **Pentaceros**

Question:

- **What is the term for the tough outer covering of a nematode?**

Question with Option

- ❑ **What is the term for the tough outer covering of a nematode?**
 - ❑ **Cuticle,**
 - ❑ **Epidermis,**
 - ❑ **Exoskeleton,**
 - ❑ **Peristome.**

Right Answer

- **What is the term for the tough outer covering of a nematode?**
 - **Cuticle**

Question:

- **Octopus belongs to the class__.**

Question with Option

- ☐ **Octopus belongs to the class__.**
 - ☐ **Mollusca**
 - ☐ **Pelecypoda**
 - ☐ **Cephalopoda**
 - ☐ **None of the above**

Right Answer

- **Octopus belongs to the class__.**
 - **Mollusca**

Question:

- **Flame cells is the characteristic property of**

Question with Option

- ❑ **Flame cells is the characteristic property of**
 - ❑ **Cnidaria**
 - ❑ **Flatworm**
 - ❑ **Protozoan**
 - ❑ **Mollusca**

Right Answer

- **Flame cells is the characteristic property of**
 - **Flatworm**

Question:

- **This is a flagellated larva of Leucosolenia**

Question with Option

- **This is a flagellated larva of Leucosolenia**
 - **Maggot**
 - **Kedia**
 - **Planula**
 - **Parenchymula**

Right Answer

- **This is a flagellated larva of Leucosolenia**
Parenchymula

Question:

- **Collared, flagellated cells that cover large parts of the inner chambers of sponges, helping water circulation to continue are**

Question with Option

- ❑ **Collared, flagellated cells that cover large parts of the inner chambers of sponges, helping water circulation to continue are**
 - ❑ **Porocytes**
 - ❑ **Choanocytes**
 - ❑ **Amoebocytes**
 - ❑ **Pinacocytes**

Right Answer

- **Collared, flagellated cells that cover large parts of the inner chambers of sponges, helping water circulation to continue are**
- **Choanocytes**

Question:

- **What is the common name of a devilfish?**

Question with Option

- **What is the common name of a devilfish?**
 - ▣ **Loligo**
 - ▣ **Sepia**
 - ▣ **Teredo**
 - ▣ **Octopus**

Right Answer

- **What is the common name of a devilfish?**
 - **Sepia**

Question:

- **Tetrodotoxin is also known as:**

Question with Option

- **Tetrodotoxin is also known as:**
 - **Antibiotic**
 - **Insecticide**
 - **Paralytic Toxins**
 - **Cardiac Toxins**

Right Answer

- **Tetrodotoxin is also known as:**
 - **Paralytic Toxins**

Question:

- **Which have the first true excretory system**

Question with Option

- **Which have the first true excretory system**
 - **Flatworm**
 - **Cnidaria**
 - **Mollusks**
 - **Protozoa**

Right Answer

- **Which have the first true excretory system**
 - **Flatworm**

Question:

- **There is an incredible power of regeneration found in.**

Question with Option

- ☐ **There is an incredible power of regeneration found in.**
- ☐ **Aschelminthes**
- ☐ **Platyhelminthes**
- ☐ **Protozoans**
- ☐ **Annelids**

Right Answer

- **There is an incredible power of regeneration found in.**
- **Platyhelminthes**

Question:

- **How do nematodes move?**

Question with Option

- ☐ **How do nematodes move?**
- ☐ **By using cilia,**
- ☐ **By undulating their body muscles,**
- ☐ **By using parapodia,**
- ☐ **By gliding on a mucus layer.**

Right Answer

- **How do nematodes move?**
- **By using cilia**

Question:

- Which of the following characteristics is NOT typical of nematodes?

Question with Option

- **Which of the following characteristics is NOT typical of nematodes?**
 - ▣ **Bilateral symmetry,**
 - ▣ **Complete digestive tract,**
 - ▣ **Segmented body,**
 - ▣ **Pseudocoelom.**

Right Answer

- Which of the following characteristics is NOT typical of nematodes?
- Segmented body

Question:

- **When National Science Day is observed in India?**

Question with Option

- **When National Science Day is observed in India?**
 - **25 February**
 - **29 January**
 - **28 February**

Right Answer

- **When National Science Day is observed in India?**
28 February

Question:

- **For which discovery, Dr. C.V. Raman won Nobel Prize?**

Question with Option

- ☐ **For which discovery, Dr. C.V. Raman won Nobel Prize?**
- ☐ **Vibrations of Sound**
- ☐ **Scattering of Light**
- ☐ **Reflection of light**

Right Answer

- **For which discovery, Dr. C.V. Raman won Nobel Prize?**
- **Scattering of Light**

Question:

- **The condensation of chromosomes is observed in _____**

Question with Option

- ☐ **The condensation of chromosomes is observed in _____**
- ☐ **Prophase 1**
- ☐ **Anaphase 1**
- ☐ **Metaphase 1**

Right Answer

- **The condensation of chromosomes is observed in _____**
- **Prophase 1**

Question:

- **The number of DNA in the chromosome at the G_2 stage of the cell cycle is –**

Question with Option

- ☐ **The number of DNA in the chromosome at the G_2 stage of the cell cycle is –**
- ☐ **1**
- ☐ **2**
- ☐ **3**

Right Answer

- **The number of DNA in the chromosome at the G_2 stage of the cell cycle is –**
- **2**

Question:

- Which of the following is the most essential nutrient for a woman during her initial stages of pregnancy to prevent birth defects?

Question with Option

- ☐ Which of the following is the most essential nutrient for a woman during her initial stages of pregnancy to prevent birth defects?
- ☐ Thiamin
- ☐ Folic acid
- ☐ Vitamin C

Right Answer

- Which of the following is the most essential nutrient for a woman during her initial stages of pregnancy to prevent birth defects?
- Folic acid

Question:

- Which of the following cell organelles does not contain DNA?

Question with Option

- ☐ **Which of the following cell organelles does not contain DNA?**
- ☐ **Nucleus**
- ☐ **Lysosomes**
- ☐ **Mitochondria**

Right Answer

- Which of the following cell organelles does not contain DNA?
- Lysosomes

Question:

- **Antibiotics are used to treat infections by**

Question with Option

- ☐ **Antibiotics are used to treat infections by**
- ☐ **Virus**
- ☐ **Bacteria**
- ☐ **All the microorganisms**

Right Answer

- **Antibiotics are used to treat infections by**
- **Bacteria**

Question:

- **Which class has the largest number of animals?**

Question with Option

- ☐ **Which class has the largest number of animals?**
- ☐ **Fishes**
- ☐ **Insects**
- ☐ **Mammals**

Right Answer

- **Which class has the largest number of animals?**
- **Insects**

Question:

- **Which is the most abundant biomolecule on earth?**

Question with Option

- ☐ **Which is the most abundant biomolecule on earth?**
- ☐ **Proteins**
- ☐ **Lipids**
- ☐ **Carbohydrates**

Right Answer

- **Which is the most abundant biomolecule on earth?**
- **Carbohydrates**

Note of thanks

Quiz Master





Thank you for
Participating!