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Exam technique

16. Names of acids present in fruits and vegetables

Names of acids	Fruits and Vegetables
1. Citric acid	lemons, lime, oranges, tomatoes, pomegranates, grapes, berries, and pineapples.
2. Malic acid	apples bananas, pomegranates, grapes, berries, tomatoes, and broccoli.
3. Oxalic acid	in green leafy vegetables and beets.
4. Ascorbic acid	Also known as Vitamin C. present in citrus fruits, berries, green leafy vegetables, green peppers, and tomatoes.
5. Tartaric acid	Grapes, tamarind, apples, apricots, and bananas.

17. Common Human Diseases and Affected Body Part

Disease	Affected Body Parts	Disease	Affected Body Parts
AIDS	Immune system of the body	Hepatitis	Liver
Arthritis	Joints	Peritonitis	Abdomen
Asthma	Bronchial muscles	Jaundice	Liver
Bronchitis	Lungs	Malaria	Spleen
Carditis	Heart	Meningitis	Brain and spinal cord
Cataract	Eye	Myelitis	Spinal cord
Cystitis	Bladder	Neuritis	Nerves
Colitis	Intestine	Otitis	Ear
Conjunctivitis	Eye	Osteomyelitis	Bones
Dermatitis	Skin	Paralysis	Nerves and limb
Diabetes	Pancreas and blood	Pyorrhoea	Teeth
Diphtheria	Throat	Trachoma	Eye

22. Vitamins, Chemical Name and Deficiency Diseases

Vitamin	Chemical Name	Deficiency Diseases
A	Retinol	Night blindness Xerophthalmia
B ₁	Thymine (Beri-Beri)	It is a skin & bone disorder disease.
B ₂	riboflavin	Cracking of skin, cracking of lips, & tongue
B ₃	Niacin or Nicotinamide(niacinamide)	Whitening of hair, (Loss of Memory) Dementia, Insomnia
B ₅	Pantothenic Acid	Pellagra of 4.D Syndrome (Diarrhoea, Diphtheria, Dementia, Death)
B ₆	Pyridoxine	Skin disorders
B ₇	Biotin	Hair fall, Dementia, Anaemia
B ₁₂	Cyanocobalamin (Natural content of cobalt)	Anaemia, Skin disorder, Insomnia
C	Ascorbic acid	Bleeding of Gums (Pyorrhoea) Swelling of Gums.
D (Only vitamin not prepared in our body)	Calciferol	Rickets - Child Osteomalacia - Male Osteoporosis - Female
E	Tocopherol	Less fertility
K	Phylloquinone	Non-clotting of blood

23. Important Biology Terms and Definition

- Anatomy**- Study of internal structure of organism.
- Agrology** – Soil science dealing specially with production of crop.
- Agronomy**- Science of soil management and production of crop.
- Agrostology** – Study if grass.
- Arthrology**- Study of joins.
- Apiculture**- rearing of honey bee for honey.

343. **Parasitism:** It is a biological association between organisms in which one, the parasite, benefits at the expense of the other, the host.
344. **Palate:** It is in mammals, the ceiling of the mouth.
345. **Predator:** It is an animal that feeds on other animals which are called the prey.
346. **Radiocarbon dating:** It is the method of finding out the age of fossils by determining the amount of radiocarbon remaining in them.
347. **Retina:** It is light-sensitive tissue lining the interior of the vertebrate eye, and consisting of two types of cells.
348. **Rhizome:** It is an organ of vegetative reproduction in flowering plants consisting of a horizontal underground stem growing from a parent plant.
349. **Root:** It is part of a flowering plant that normally grows down into the soil.
350. **Savannah:** It is a grassland with scattered trees.
351. **Saprophyte:** It is an organism that feeds on dead and decaying plants and animals, causing decomposition.
352. **Short sight:** It is Myopia.
353. **Tropism:** It is a plant growth movement in response to a stimulus, for example, light.
354. **Tuber:** It is an organ of vegetative reproduction in flowering plants.
355. **Transplantation:** It is the relocation of seedlings from nursery beds to the actual site of plantation.

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