

FREE eBook



VITAMINS

(SOURCES, BENEFITS AND DEFICIENCY DISEASES)

FOR SSC & RAILWAY EXAMS

Current Affairs and General Awareness section is one of the most important and high scoring sections of SSC and Railway Exams like <u>SSC-CGL</u>, <u>SSC CPO</u>, <u>SSC CHSL</u>, <u>RRB JE</u>, <u>RRB ALP</u>, etc. Therefore, we regularly provide you with Free Static GK and Current Affairs related E-books for your preparation. In this section, questions related to <u>Vitamins</u>, <u>about their</u> <u>Sources</u>, <u>Benefits and Deficiency Diseases</u> have been asked. Hence it becomes very important for all the candidates to be aware about all the important <u>Vitamins</u> and <u>related</u> <u>facts</u>.

In all the <u>Bank and Government exams</u>, every mark counts and even 1 mark can be the difference between success and failure. Therefore, to help you get these important marks we have created a Free E-book on **Vitamins - Sources, Benefits and Deficiency Diseases**.

The details of all the important **Vitamins** is given in the following pages of this Free E-book on **Vitamins - Sources, Benefits and Deficiency Diseases**.

Sample Questions -

- Q. Which of the Following is not a benefit of Vitamin E?
- (a) Maintaining Cholesterol levels
- (b) Healthy Hair
- (c) Hormone Balance
- (d) Teeth Development

Answer: Option D – Teeth Development

- Q. Rickets is cause due to deficiency of which Vitamin?
- (a) Vitamin A
- (b) Vitamin B
- (c) Vitamin C
- (d) Vitamin D

Answer: Option D - Vitamin D





Vitamins – What Are Vitamins?

Vitamins are the micro-nutrients required for the proper growth and maintenance of our body and organs. They help with the metabolism of proteins, fats and carbohydrates required for the body development. Vitamins are not developed/synthesized inside human body. Hence, our food should have appropriate amounts of vitamins meet the required levels.

Sources of Vitamins

The Following table contains the sources of all the important Vitamins -:

Vitamin Name	Source
Vitamin A (Retinol)	Dark green and yellow coloured vegetables and fruits, cod liver oil, Milk, Butter and other dairy products
Vitamin B1 (Thiamine)	Bread yeast, Sprouts, etc.
Vitamin B2 (Riboflavin)	mushrooms, soybean, nuts, green leafy vegetables, Almonds
Vitamin B3	cereals, seeds, meat, fish –
(Niacin)	tuna, etc.
Vitamin B4	Vegetables, whole grains,
(Choline)	unadulterated honey
Vitamin B5 (Pantothenic Acid)	Broccoli, sweet potatoes, beans, eggs, etc.
Vitamin B6	Pistachio nuts, Sesame seeds,
(Pyridoxine)	Chicken, etc.
Vitamin B12	Fish, Meat, Raw milk, Organic
(Cobalamine)	Yogurt



Vitamin Name	Source
Vitamin C (Ascorbic Acid)	Fruits – Papaya, Pineapple, Kiwi Fruit, Mango, Tomatoes, etc.
Vitamin D	Sun Light, Eggs, Meat, Fish,
(Calcipherol)	Mushrooms, etc
Vitamin E	Almonds, Hazelnuts, Spinach,
(Tocopherol)	Tomatoes, etc
Vitamin K	Green Leafy vegetables,
(Phillioquine)	Broccoli, Cabbage, etc.

Benefits of Vitamins

The Following table contains the list all the body parts and functions which are benefited by the intake of each of the important Vitamins :

Vitamin Name	Body Part/Functions
Vitamin A (Retinol)	Eyes, Bones and Teeth development, maintaining healthy skin, hair and nails
Vitamin B1 (Thiamine)	Nervous system, Brain functions, etc
Vitamin B2 (Riboflavin)	Overall growth and good health of the body, for Pregnant women
Vitamin B3 (Niacin)	efficient functioning of Liver, maintaining cholesterol levels in the body
Vitamin B4 (Choline)	Metabolism, Maintaining blood sugar levels, antibodies formation
Vitamin B5 (Pantothenic Acid)	Making Red blood cells, maintaining good health of hair, eyes and skin, etc.



Vitamin Name	Body Part/Functions
	Maintaining healthy
Vitamin B6	metabolism, skin health, the
(Pyridoxine)	functioning of the nervous
	system, etc
Vitamin B12	Healthy Pregnancy, Digestion,
(Cobalamine)	maintaining energy levels, etc
\/itamain_C	Gives Glowing Skin, Prevent
Vitamin C	Anaemia, Boosting Immunity,
(Ascorbic Acid)	etc.
	Maintaining body Weight,
Vitamin D	prevents the formation of
(Calcipherol)	cancer cells, strong brain
	health, etc
	Maintaining Cholesterol levels
Vitamin E	in the body, healthy hair,
(Tocopherol)	Maintaining a balance of
	hormones, etc.
Vitamin K	Normal Blood Clotting, Healthy
(Phillioquine)	Bones, etc.





Diseases caused by deficiency of Vitamins

The Following table contains the list the diseases cause by the deficiency of each of the important Vitamins -:

Vitamin Name	Disease Names
Vitamin A (Retinol)	Night Blindness, Dry Skin,
	weak teeth and bones, etc
)	Weak memory,
Vitamin B1 (Thiamine)	Disturbances in sleep,
	feeling irritated, etc
Vitamin B2	Sore throat, Amnesia,
(Riboflavin)	Inflammation of skin
	Fatigue, Indigestion,
Vitamin B3 (Niacin)	Depression, Vomiting,
	Pellagra etc.
Vitamin D4 (Chalina)	Blood disorder, nausea,
Vitamin B4 (Choline)	skin disorders
Vitamin B5	Gastrointestinal problems,
(Pantothenic Acid)	fatigue, headache, etc.
Vitamin B6	Mood Swings, Confusion,
(Pyridoxine)	Muscle pains, etc.
Vitamin B12	Joint pains, poor Dental
(Cobalamine)	health, Chronic Fatigue, etc
Vitamin C / Accorbic	Poor healing of wounds,
Vitamin C (Ascorbic	Bleeding gums, Dry and
Acid)	scaly skin, Scurvy, etc.
Vitamin D	Anxiety, Depression, Weak
(Calcipherol)	Immune System, Rickets
Vitamin E	Visual Disturbances,
(Tocopherol)	General Unwellness
\/itamain \/	Haemorrhage, defective
Vitamin K	blood clotting, increased
(Phillioquine)	bleeding.



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