



IV. Identify the deficiency disease/disorder 'D' in the given picture/photograph and write any 3 symptoms.

1. ADDISON'S DISEASE

Identification:

The picture kept for identification depicts **Addison's disease.**



Comments:

- It is a disorder in which the adrenal glands do not produce enough hormones.
- It is caused due to hyposecretion of glucocorticoids and mineralocorticoids from the adrenal cortex.
- Muscular weakness, low BP, loss of appetite, vomiting, hyper pigmentation of the skin are the symptoms of Addison's disease.



2 MARASMUS

Identification:

The picture kept for identification depicts **Marasmus**.

Comments:

- It is a disorder due to protein deficiency in children.
- It is an acute form of protein malnutrition.
- This is due to a diet with inadequate carbohydrate and protein.
- Diarrhoea and emaciation are the symptoms of this disease.



3. EXOPHTHALMIC GOITRE

Identification:

The picture kept for identification depicts Exophthalmic goitre.

Comments:

- The hyper function of thyroid gland results in exophthalmic goitre/gravis disease.
- It is characterized by increased BMR (50% - 100%) with increased pulmonary ventilation and protrusion of eye balls from the sockets (exophthalmos)
- Elevated respiratory and excretory rate with increased body temperature are the general symptoms.

