

9. The correct group among the following is

Diseases	Pathogen	Symptoms
(A) Hepatitis-B	HCV	Liver Cirrhosis
(B) Syphilis	Neisseria	Ulcers on nose
(C) Herpes	HSV	Blisters on and around genitals
(D) Gonorrhoea	Treponema	Vaginal discharge.

10. A tall plant with red flowers is crossed with a dwarf plant with white flowers. Which one of the following represents dwarf plant with white flowers ?

- (A) TtRr (B) TTrr
(C) ttrr (D) ttRr.

11. Names of alloys are given in **List-A**. Match them with their constituents given in **List-B** and uses given in the **List-C** : $4 \times 1 = 4$

List - A	List - B	List - C
(A) Stainless Steel	(a) Iron + nickel + cobalt + aluminium	(i) Electrical contact part
(B) Alnico	(b) Iron + carbon + chromium + nickel	(ii) Sports medal
(C) Invar Steel	(c) Copper + zinc + tin	(iii) Surgical instruments
(D) Brass	(d) Iron + carbon + nickel (large quantity)	(iv) Aeroplane body
	(e) Aluminium + copper + magnesium + manganese	(v) Permanent magnets
	(f) Copper + zinc	(vi) Precision measuring instrument.

Answer the following questions :

$7 \times 1 = 7$

12. What is a Solar Cell ?

13. Name the process of converting crude oil obtained from seeds into commercially useful fuel.

(SPACE FOR ROUGH WORK)