

કુલ સમય :- ૩૦ મીનીટ

કુલ પ્રશ્નો : ૩૫

વિદ્યાર્થીએ ટીક કરવાના પ્રશ્નો : ૨૫

નોંધ : વિદ્યાર્થીએ માત્ર ૨૫ પ્રશ્નો જ ટીક કરવાના રહેશે. જો વધારે ટીક કરેલ હશે તો પ્રથમ ૨૫ પ્રશ્નો જ ગણતરીમાં લેવામાં આવશે.

- (1) \_\_\_\_\_ is a micronutrient.  
(A) K (B) S (C) Mo (D) Mg
- (2) Fruit ripening is delayed due to \_\_\_\_\_ nutrient deficiency.  
(A) P (B) K (C) Ca (D) Mg
- (3) High levels of \_\_\_\_\_ hinder the availability of iron, zinc, and manganese.  
(A) Mg (B) Ca (C) Cu (D) Fe
- (4) \_\_\_\_\_ Fruits come irregularly due to lack of nutrients.  
(A) Fe (B) Ca (C) Cu (D) B
- (5) Pure ammonium sulphate contains \_\_\_\_\_% nitrogen.  
(A) 21.2 (B) 27.5 (C) 29.5 (D) 31.5
- (6) \_\_\_\_\_ is a complete compost.  
(A) Urea (B) Ammonia salts (C) Lime (D) Guano
- (7) Calcium Ammonium Nitrate contains \_\_\_\_\_% of nitrogen.  
(A) 15 (B) 19 (C) 35 (D) 37
- (8) Ammonium chloride has \_\_\_\_\_% nitrogen content.  
(A) 28 (B) 32 (C) 35 (D) 37
- (9) \_\_\_\_\_ was the first synthetic fertilizer put on the market.  
(A) Ammonium nitrate (B) Calcium ammonium nitrate  
(C) Calcium nitrate (D) Sodium nitrate
- (10) \_\_\_\_\_ is called rock phosphate.  
(A)  $Ba_3(PO_4)_2$  (B)  $Ca_3(PO_4)_2$  (C)  $Ca(H_2PO_4)_2$  (D)  $AlPO_4$
- (11) The symmetry of K in the murate of potash is represented by \_\_\_\_\_.  
(A) KCl (B) KBr (C) KI (D)  $K_2O$
- (12) The proportion of  $P_2O_5$  in 8-12-10 grade compost is \_\_\_\_\_.  
(A) 8 (B) 12 (C) 10 (D) None
- (13) \_\_\_\_\_ is added as filler when making compost.  
(A) Ash (B) Lime (C) bone crush (D) Bird droppings
- (14) Calcium metaphosphate contains \_\_\_\_\_% phosphorus in the form of  $P_2O_5$ .  
(A) 45 (B) 54 (C) 64 (D) 74
- (15) \_\_\_\_\_ Nutrient deficiency causes the trunk to turn purple.  
(A) Fe (B) P (C) N (D) B
- (16) The molecular formula of gypsum is \_\_\_\_\_.  
(A)  $CaCO_3$  (B)  $Ca_3(PO_4)_2$  (C)  $Ca(H_2PO_4)_2$  (D)  $CaSO_4 \cdot 2H_2O$
- (17) Ammonium nitrate is explosive so it is mixed with \_\_\_\_\_.  
(A) Kaolin (B) Lime (C) Conch (D) Bird droppings
- (18) The first synthetic pesticide discovered is \_\_\_\_\_.  
(A) B.H.C. (B) Melathion (C) D.D.T. (D) Aldrin
- (19) \_\_\_\_\_ is a disinfectant non-halogenous ester compound.  
(A) Melathion (B) Gamexin (C) Aldrin (D) Allethrin
- (20) \_\_\_\_\_ Pesticides are useful as internal poisons for cockroaches.  
(A) Zinc phosphide (B) Boric acid (C) Lead arsenate (D) Borox

- (21) \_\_\_\_\_ is useful for control of red spiders in greenhouse soils.  
 (A)  $\text{Na}_2\text{SeO}_4$  (B)  $\text{Ti}_2\text{SO}_4$  (C)  $\text{H}_3\text{BO}_3$  (D)  $\text{H}_2\text{SiF}_6$
- (22) D.D.T. The first disinfectant properties of were discovered by \_\_\_\_\_.  
 (A) Muller (B) Libas (C) Zeidler (D) Kecule
- (23) D.D.T. The \_\_\_\_\_ process is used in the creation of.  
 (A) Chlorination (B) Estrification (C) Condensation (D) Sulfonation
- (24) B.H.C. Smells like \_\_\_\_\_.  
 (A) Xylene (B) Fosgin (C) Toluene (D) Benzene
- (25) Melathion is a \_\_\_\_\_ colored liquid.  
 (A) Yellow (B) Brown (C) white (D) Green
- (26) Characteristic of B.H.C. as a strong disinfectant detected by \_\_\_\_\_.  
 (A) Kecule (B) Zeidler (C) Libas (D) Muller
- (27) The \_\_\_\_\_ contains the hydroxy mass on the 15th carbon.  
 (A) Melasiol (B) Rotenone (C) Sumatrol (D) Allethrin
- (28) \_\_\_\_\_ 15 is a hydroxy elliptone.  
 (A) Melasiol (B) Rotenone (C) Sumatrol (D) Allethrin
- (29) \_\_\_\_\_ is obtained from Tobacco.  
 (A) Pyrethrin (B) Analysine (C) Sumatrol (D) Allethrin
- (30) \_\_\_\_\_ is effective on ants.  
 (A)  $\text{Na}_2\text{SeO}_4$  (B)  $\text{H}_2\text{SiF}_6$  (C)  $\text{H}_3\text{BO}_3$  (D)  $\text{Ti}_2\text{SO}_4$
- (31) \_\_\_\_\_ is an inorganic pesticide.  
 (A) Allethrin (B) Pyrethrin (C) Lead arsenate (D) Sumatrol
- (32) \_\_\_\_\_ is useful as an internal poison for mosquitoes.  
 (A) Zinc phosphide (B) Borox (C) Lead arsenate (D) Boric acid
- (33) Pesticides that show activity in the pneumatic state are known as \_\_\_\_\_.  
 (A) Contact pesticides (B) Smoke disinfectants  
 (C) Attractive pesticides (D) Unattractive pesticides
- (34) What type of disinfectant is calcium arsenate?  
 (A) Organic (B) Contact (C) Inorganic (D) Attractive
- (35) The pyrethroid is extracted from \_\_\_\_\_.  
 (A) Potatoes (B) Neem (C) Nicotine (D) Cocanium