

Agrilearner App Team



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**Agriculture MCQ Part-139**

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**1. P content in DAP is**

- (a) 20%**
- (b) 36%
- (c) 46%
- (d) 50%

**2. Chemical formula of single superphosphate is**

- (a)  $\text{Ca}(\text{H}_2\text{PO}_4)$**
- (b)  $\text{CaHPO}_4$
- (c)  $\text{Ca}_3(\text{PO}_4)$
- (d)  $\text{Ca}(\text{H}_2\text{PO}_4) \text{CaSO}_4 \cdot 2\text{H}_2\text{O}$

**3. Concentration of nitrogen in soil air is**

- (a) 70%
- (b) 74%
- (c) 78%**
- (d) 82%

**4. Which of the following is correct?**

- (a)  $\text{P}_2\text{O}_5 \times 0.44 = \text{P}$**
- (b)  $\text{P}_2\text{O}_5 \times 2.29 = \text{P}$
- (c)  $\text{P}_2\text{O}_5 \times 0.83 = \text{P}$
- (d)  $\text{P}_2\text{O}_5 \times 1.20 = \text{P}$

**5. Sulphur content (%) in potassium sulphate is**

(a) 50

**(b) 22**

(c) 17

(d) 12

**6. Sodium adsorption ratio (SAR) can be calculated by using of formula**

(a)  $SAR = Na^+ / [(Mg^{2+} + Ca^{2+})/2]^{0.5}$

**(b)  $SAR = Na^+ / [(Ca^{2+} + Mg^{2+})/2]^{0.5}$**

(c)  $SAR = Ca^{2+} + Mg^{2+} / [(Ca^{2+} + Mg^{2+})/2]^{0.5}$

(d)  $SAR = Na^+ / [(Ca^{2+} + Mg^{2+})/2]^{1.5}$

**7. The exchangeable sodium ratio (ESR) can be calculated as**

$ESR = \text{Exchangeable } (Ca^{2+} + Mg^{2+}) / \text{Exchangeable } Na^+$

$ESR = \text{Exchangeable } Na^+ / 100$

$ESR = \text{Exchangeable } Na^+ / \text{Exchangeable } (Ca^{2+} + K^+)$

**$ESR = \text{Exchangeable } Na^+ / \text{Exchangeable } (Ca^{2+} + Mg^{2+})$**

**8. Which one of the following is not correctly matched?**

<b>Soil order</b>	<b>Pronunciation</b>
Entisols Recent	A horizon
Aridisols	Arid
Histosols	Organic
<b>Vertisols</b>	<b>Pedalfor</b>

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**9. A clay solid must contain at least clay separate, to be designated a clay**

(a) 70%

(b) 80%

(c) 40%

**(d) 35%**

**10. Select the wrong pair from the following given below:**

Stregite:  $2H_2O$

Variscite:  $2H_2O$

Gibbsite:  $3H_2O$

**Hematite:  $FeOOH$**

**11. Boron content in borax (suhaga) is**

**(a) 11%**

(b) 25%

(c) 19%

(d) 39%

**12. The rate of weathering is generally high in**

(a) Arid tropical climate

(b) Arid temperate climate

**(c) Humid tropical climate**

(d) Humid temperature climate

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**13. Which one of the following pair is mismatched?**

L value: Larsen

Integrated soil test approach: Colwell

Biogas: Desai

**Law of limiting factor: Lundegardh**

**14. Tick out the incorrect match:**

List I (Ore)      List II (Mineral)

Dolomite- $MgCO_3$

Gibbsite- $3H_2O$

Gypsum- $2H_2O$

**Goethite- $Fe_2O_3$**

**15. The main constituent of biogas is**

(a)  $H_2$

(b)  $H_2S$

(c)  $N_2$

**(d)  $CH_4$**

**16. Nalgonda technique is used for**

(a) Chloride

(b) Fluoride

(c) Bromide

**(d) Cadmium**

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**17. How many agro-climatic zones are found in India?**

**(a) 15**

(b) 16

(c) 17

(d) 18

**18. Which of the following enzymes is involved in the primary carboxylation in C<sub>4</sub> plants?**

(a) RUBP Carboxylase

**(b) PEP**

(c) Oxygenase

(d) Carboxylase

**19. The pH of normal rain is**

(a) 6.5

**(b) 5.6**

(c) 4.6

(d) 3.6

**20. Which harmful gas is emitted by masonry building materials, even ground water?**

(a) H<sub>2</sub>S

**(b) Radon**

(c) Ammonia

(d) CO<sub>2</sub>

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