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1. Hue denotes

- (A) Dominant spectrum
- (B) Lightness or brightness
- (C) Purity
- (D) Intensity

Ans. A

2. Phosphorus uptake in alkali soil in the form of _____

- (A) H_2PO_4^-
- (B) HPO_4^{2-}
- (C) PO_4^{3-}
- (D) H_3PO_4

Ans. C

3. Which fertilizer produce acidity in soil

- (A) Ammonium sulfate
- (B) Sodium nitrate
- (C) Calcium ammonium nitrate
- (D) Calcium nitrate

Ans. A

4. Maximum N content found in N fertilizer

- (A) Urea
- (B) Anhydrous ammonia
- (C) Sodium nitrate
- (D) Ammonium sulphate

Ans. B

5. Rock phosphate has P_2O_5

- (A) 10-20%
- (B) 20-40%

(C) 30-50 %

(D) 20-30%

Ans. B

6. The conversion factor for calculating P from P_2O_5

(A) $P_2O_5 \times 2.29$

(B) $P \times 0.44$

(C) $P \times 2.29$

(D) $P_2O_5 \times 0.44$

Ans. D

7. The phenomenon slickenside found in which soil

(A) Inceptisol

(B) Vertisol

(C) Gelisol

(D) Spodosol

Ans. B

8. Which organic fraction not soluble in both acid and alkali

(A) Fulvic

(B) Humic

(C) Humin

(D) All of the above

Ans. C

9. In munsell colour chart hue 10 represents as _____

(A) Red

(B) Black

(C) Grey

(D) Yellow

Ans. D

10. pF scale for Field capacity is _____

(A) 2

(B) 2.5

(C) 3.5

(D) 4.5

Ans. B