

11. Allotropic form of phosphorus that is poisonous is

- A. White
B. Red
C. Black
D. Violet

Answer: Option A

12. Which one of the following is not the use of graphite?

- A. Lead pencils
B. Abrasive
C. Lubricant
D. Electrode of electrolytic cell

Answer: Option B

13. Acetic anhydride can be obtained by treating ethyl alcohol with

- A. P₂O₅
B. H₂SO₄
C. Both a and b
D. PCI₅

Answer: Option C

14. The composition of brown ring in nitrate test is

- A. FeSO₄.No
B. FeSO₄.No₂
C. FeSO₄.No₃
D. FeSO₄.N₂o

Answer: Option A

15. Phosphorous acid upon thermal decomposition yields phosphoric acid and

- A. Phosphine
B. Phosphorus
C. Water
D. Phosphorus pentoxide

Answer: Option A

16. Which one of the following compounds usually smells like garlic?

[A.](#) P₂O₃

[B.](#) P₂O₅

[C.](#) H₃PO₃

[D.](#) All have same smell

Answer: Option A

17. P₂O₅ is a hygroscopic powder which sublimates at

[A.](#) 260°C

[B.](#) 360°C

[C.](#) 630°C

[D.](#) 620°C

Answer: Option B

18. The element of group VIA which is a non-metal is

[A.](#) S

[B.](#) Se

[C.](#) Te

[D.](#) Po

Answer: Option A

19. Phosphoric acid is a weak acid and its basicity is

[A.](#) 1

[B.](#) 3

[C.](#) zero

[D.](#) 2

Answer: Option B

20. All the elements in group VIA are _____ in nature.

[A.](#) hygroscopic

[B.](#) metals

[C.](#) polymeric

[D.](#) all of above

Answer: Option C