

MHT CET Practice Questions 2023 (7)

1. $4\sin x + 6\cos x = 3\pi$ then the value of x ?
2. Unit of the first-order reaction
3. Distance between point and line
4. Frenkel defect example (Answer - Zns)
5. integration $X + \sin x / 1 - \cos x$
6. Value of $\sin 18$ degree
7. Integration $\log(\sec x + \tan x)$
8. Which element has completely filled 4 d orbital
9. Which of the following statement is true about the isochoric process
10. Which of the following does not contain carbon?
11. Which type of sugar is present in milk?
12. Limit extend to infinity $\sqrt{x^2 + 5x - 7} - x$
13. How much carbon is present in undecane?
14. When 1 is added in the first nature number then what is a variance?
15. Which halogen is liquid at room temperature?
16. Which of the following is the use of buna N?
17. Which of the following polymers use in electrophoresis-polyacrylamide
18. Which polymer use as adhesives-Buna-N
19. In ozone bond length of O-O bond is -128pm
20. Which of the following is a multimolecular colloid
21. $e_1, e_2, e_1 + e_2$ are unit vectors then find the angle between e_1 and e_2
22. Bond angle SO_2
23. Radioactive decay is of which ordered reaction
24. The standard solution to determine cell constant
25. A rectifier is used to convert A. dc to ac B. ac to dc (Correct answer. B)
26. $\sec x = 25/24$, then find the value of $\sin(x/2) + \cos(x/2)$.
27. Which among the following has the highest boiling point?
 - A. Hexanal Option A is the correct answer
 - B. Pentanal
 - C. Butanal
 - D. Propanal
28. Which among the following is negatively charged sol?
 - A. TiO_2 sol

- B. Haemoglobin
 - C. $\text{Fe}_2\text{O}_3 \cdot x\text{H}_2\text{O}$
 - D. Sol of clay (correct answer D)
29. Which salt solution is used in determining cell constant?
- A. CuSO_4
 - B. ZnSO_4
 - C. KCl (correct answer C)
30. Which polymer is used for cinema films?