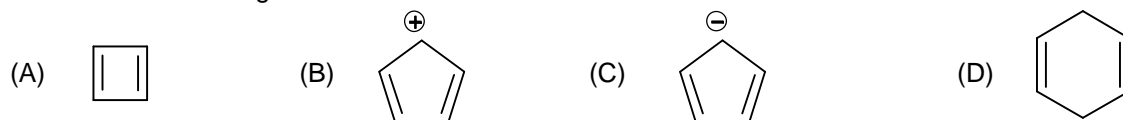


Single Correct Answer Type

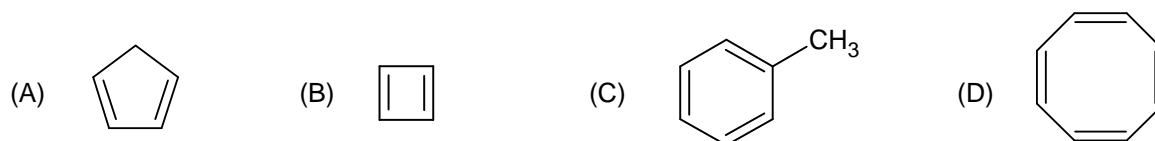
1. Which of the following will be aromatic ?



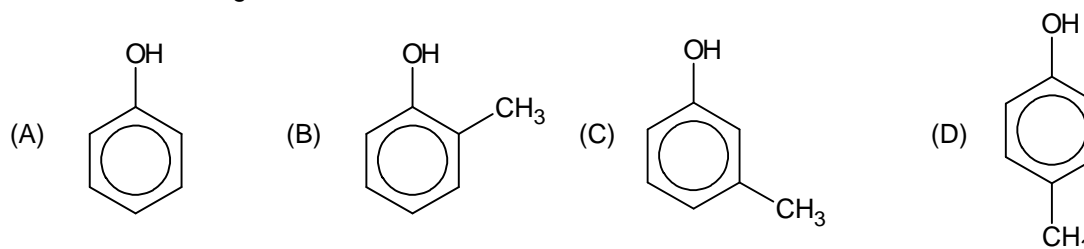
2. Which of the following ion is more stable ?



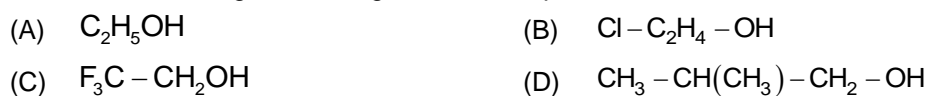
3. Which of the following is aromatic ?



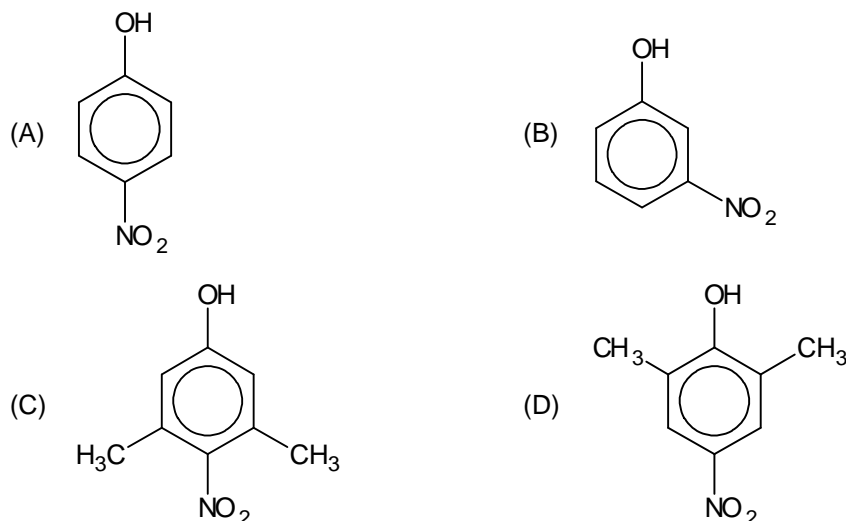
4. Which of the following is least acidic ?



5. Which of the following has the highest value of pKa ?

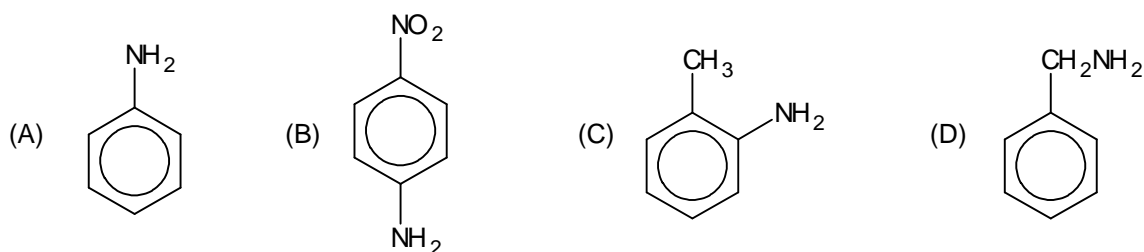


6. Which one of the following is most acidic ?



7. The most acidic compound of the following
(A) Ethanol (B) Phenol (C) Methanol (D) 2, 4, 6-trinitrophenol

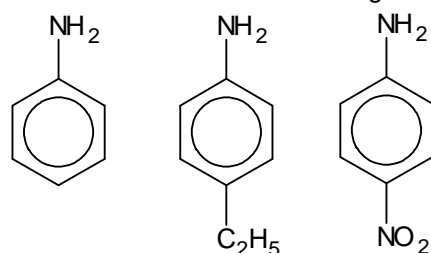
8. The strongest base of the following ?



9. The strongest acid of the following?

(A) F_3CCOOH (B) Cl_3CCOOH
(C) O_2N-CH_2COOH (D) $F-FC(Cl)-COOH$

10. The correct order of basic strengths of following compounds



(A) II > I > III (B) I > II > III (C) III > II > I (D) II > III > I

11. The strongest acid among the following is

(A) Ethane (B) Ethylene (C) Acetylene (D) Benzene

12. Which of the following is strong acid ?

(A) Water (B) Ethanol (C) Acetylene (D) NH_3

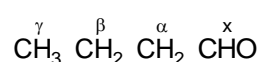
13. Which of the following is weak acid ?

(A) $CH_2(F)CH_2CH(OH)CH_3$ (B) $CH_3-CH(F)CH_2(OH)CH_2$
(C) $CH_3CH_2-C(F)_2-CH_2(OH)$ (D) $CH_3CH_2-CH(F)-CH_2(OH)$

14. The strongest acid of the following is

(A) CH_3-CH_2-OH (B) $CH_2(NO_2)-CH_2-OH$
(C) $CH_2(Cl)-CH_2(OH)$ (D) $CH_2(CN)-CH_2OH$

15. Which H-atom in butanal is more acidic ?

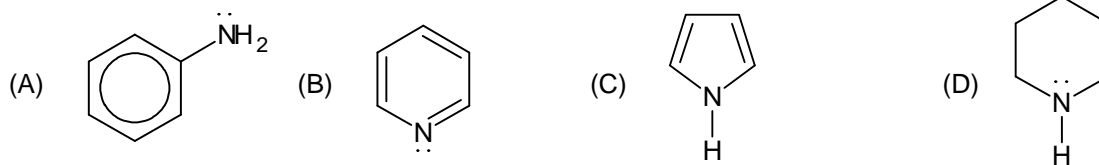


(A) x (B) α (C) β (D) γ

16. The correct strength (Basic) of the following in aqueous solution is

(I) NH_3 (II) Methyl amine (III) Dimethyl amine (IV) Trimethyl amine
(A) I > II > III > IV (B) III > I > II > IV
(C) III > IV > II > I (D) III > II > IV > I

17. Identify the strongest base among the following



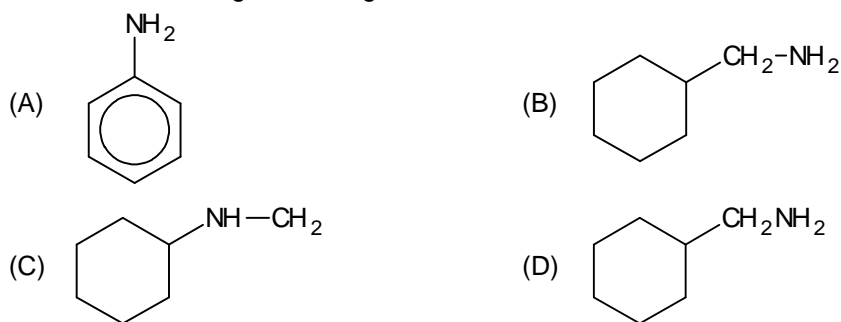
18. Identify the strongest base among the following ?

- (A) Benzyl amine (B) Propyl amine
(C) Triethyl amine (D) Aniline

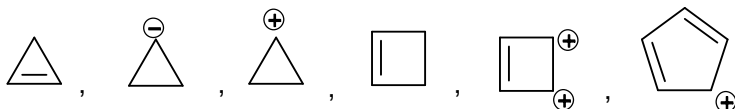
19. Which of the following is a weak base ?

- (A) Aniline (B) Acetanilide
(C) N-methyl aniline (D) Benzylamine

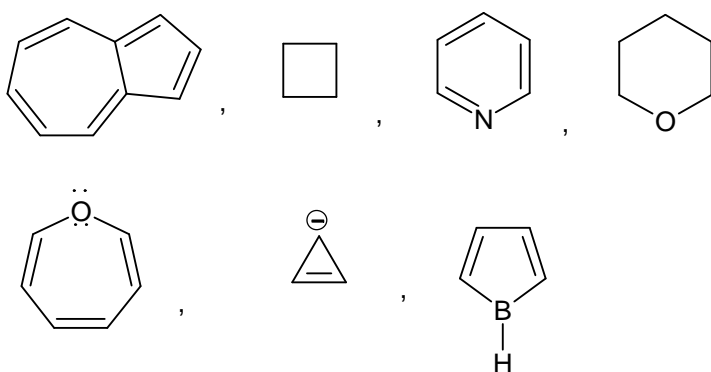
20. Which of the following is a strong base ?



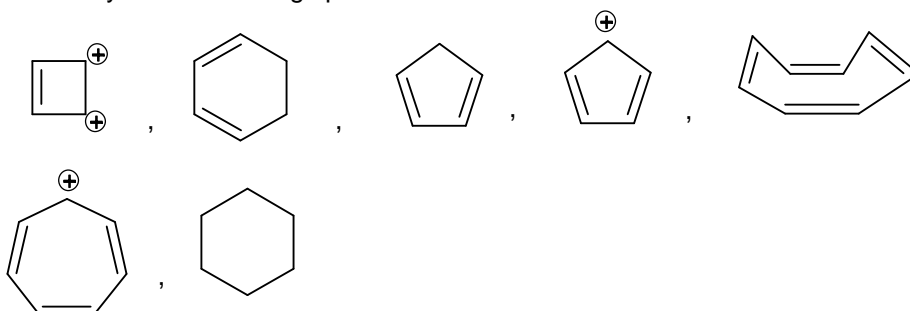
21. How many of the following are Aromatic ?



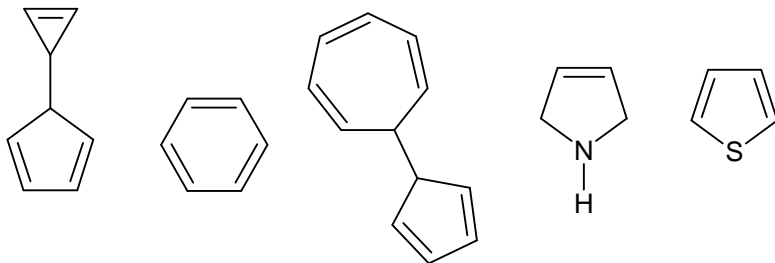
22. The number of Anti-aromatic species from the following



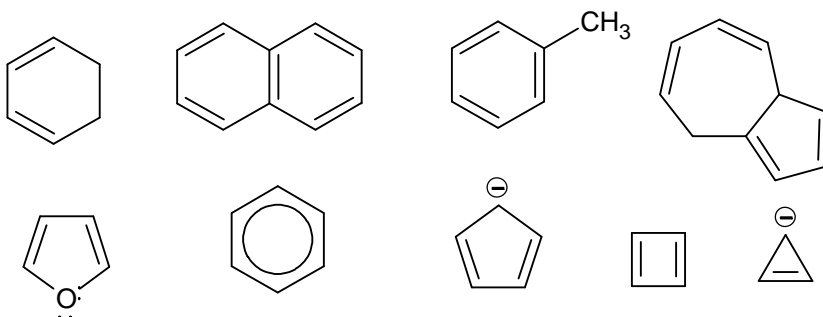
23. How many of the following species are non-aromatic



24. How many of the following are Aromatic



25. How many of the following species are non-benzenoid aromatic compounds.



KEY

1.	C	2.	C	3.	C	4.	B
5.	D	6.	A	7.	D	8.	D
9.	A	10.	A	11.	C	12.	A
13.	A	14.	B	15.	B	16.	D
17.	D	18.	C	19.	B	20.	C
21.	2	22.	3	23.	4	24.	2
25.	2						