

Class XII English

1. Solve the Half Yearly question paper in full.(100 marks)
2. Make notes on 2 chapters of Text book & suppl. Reader(1+1) with 5 Q. Ans each
3. Write an article and a speech on any question asked in the CBSE Board Exam.

Class XII Physics

1. Explain gauss law with example
2. Explain Kirchoff law with example
3. Explain biot savart law
4. What is Amper circuital law
5. Explain about cyclotron
6. Explain motional emf
7. Explain Faraday law of EMI
8. What is difference between AC and DC?
9. What is Huygens principles?
10. What is wave fronts?

CLASS XIIA Chemistry

1. What is the expected vant off factor for $K_4[Fe(CN)_6]$ when it completely dissociates in water?
- 2 . Differentiate between SN1 and SN 2 reaction mechanism.
3. Define with reaction:
a)Sandmeyer reaction b)Finkelstein reaction c)Wurtz-Fittig reaction
4. Explain –

- a) KCN gives alkyl cyanide whereas AgCN gives alkyl isocyanide on reaction with alkyl halide.
- b) Alkyl chlorides give alcohol on reaction with aqueous KOH but form alkenes in presence of alc.KOH
- c) Grignard reagents should be prepared under anhydrous conditions.
- 5) Calculate the freezing point of a solution containing 18 g glucose ($C_6H_{12}O_6$) and 68.4 g sucrose ($C_{12}H_{22}O_{11}$) in 200 g of water the freezing point of pure water is 273 K and K_f for water is $1.86 \text{ K Kg mol}^{-1}$.
- 6) What is a fuel cell? Give balanced reactions of the occurring reactions.
- 7) Draw the structure of oleum and pyrophosphoric acid.
- 8) Explain: F_2 is a stronger oxidising agent than Cl_2 .
- 9) What is the role of Cryolite in the metallurgy of aluminium?
- 10) Out of 1M urea and 1M KCl which will have a maximum freezing point and why?

Biology

1. Solve the question paper of half yearly 2018

XII Mathematics. Holiday Home work.

1. Write all formula of Mathematics Book.
2. Solve Half Yearly Question paper on your Note Book.