**P.G.Senior Secondary School**

**Summer Vacation Assignment 2016-17**

**Class- 12th (Science Group)**

**Biology**

1. Offspring formed due to sexual reproduction have better chances of survival. Why? Is this statement always true?
2. Draw the diagram of transverse section of a young another.
3. What is meant by emasculation? When and why does a plant breeder employ this technique?
4. Name the functions of the following:-
5. Corpus butewn c. endometrium d- Sperm tail.
6. Fimleriae d- Acrosome
7. What is parturition? Which hormones are involved in induction of parturition?

**Maths**

1. Derive and learn all trigonometric formulas related to trigonometnic function of class XI.
2. Solve 50 questions which consist 159 questions from relation and fm , 15 questions from matrix and 20 questions from determinant.

**English**

1. Give the summary of the Novel ‘ The Invisible Mam.’
2. Attempt the character sketch of Mrs Hall and Griffin, the Scientist.
3. Why and how did Griffen role the vircar’s house?
4. Write a note on the topic ‘My School is my Secondary Family.’

**Chemistry**

1. To prepare all taught points.
2. To observe the samples of various food items and make data chart about their constitution likes carbohydrates, fats, vitamins, minerals proteins, sugars etc.( for girls)
3. To observe examples of various medicine ( According to sub. Teacher’s guidelines ) and make data chart about their constituent molecules in following order.-( for boys)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| S.no. | Drug’s name  | Constitment moleeules  | Role of constitment molecules | Price | Company |

|  |  |
| --- | --- |
| Date of Survey | Name of Medical store with stamp and sign. |

1. vyadkj rFkk jl dk ifjHkk’kk mnkgj.k lfgr fy[ksa rFkk muds Hksnksa dk o.kZu djsaA
2. gfjoa”k jk; cPpu dk lfp= thou ifjp; ,oa muds dkO;xr fo”ks’krkvksa ij izdk”k MkysaA
3. nksgk ] lksjBk] loS;k rFkk pkSikbZ dh ifjHkk’kk mnkgj.k lfgr fy[ksaA
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1. okRlY; jl esa ,d Loj fpr dfork fy[ksA