PRESIDENCY HIGHER SECONDARY SCHOOL, REDDIARPALAYAM.

XII – ZOOLOGY VERY IMPORTANT QUESTIONS

1.Reproduction in organisms

2m

1.plasmotomy
2.Amphitomy

3m

1.Morphhallains -epimorphosis
2.conjugation
3.Exogenous/Endogenous budding

5m

1.Fission and types?
2.Regeneration ? Types?
3.syngamy/fertilization.
4.phase of life cycle
5.parthenogenesis? Types?

2.Human reproduction

2m

1.polyspermy
2.Hyaluronidase
3.Ectopic pregnancy
4.Siamese
5.Menopause
6.Corpus albicans
7.Corpus luteum

3m

1.structure of sperm
2.Structure of ovum
3. Cryptorchism
4.Three layer of uterus
5. Reproductive system main function
6.colostrum
7.Let down reflex

5m

1.Major reproductive events?
2.Events of fertilization
3.Gametogenesis
4.Extra embeyonic membranes
5.Menstrual cycle
6.Parturtiin on and lactation

3.Reproductive Health

2m

1.PCPNDT -ACT
2.surrogacy
3.Foetescope

3m

1.Female foeticide/infanticide
2.child Immunization programs
3.Prevention of STD
4.Cryopreservation

5m

1.Birth control
2.ART – technology
3.Causes of infertility
4.Breast cancer

4.principles of inheritance and variations

2m

1.Holandric genes.
2. Pedigree chart.

3m

1.Albinism
2. Erythroblastosis fetal

5m

1.ABO - Blood groups
2.Human sex determination.
3.colour blindness.
4. Positive Eugenics / Negative Eugenies
5.Application of Karyotyphing
1. Haplodiploidy / 2. Lyonisation3.criss cross inheritance

5. molecular genetics.

2m

1. Nucleoside / Nucleatide.
2. Transcription.

3m

1.One gene 1 Hypothesis. One enzyme
2.Gene is functional unit of Inheritance.

5m

1. Properties of genetic material / 2. genetic code material.
3. Lac operon model./Sailent features of Human Genome Project.

6. Evolution.

2m

1.Theory of recapitulation
2. Use and disuse theory

3m

1.Big Bang theory

2. convergent Evalution
3.Relative dating / Abolute dating

5Marks

1. urey and miller Experiment,
2. objection of Lamarkism/ Darwinism.
2. Salient features of mutation theory
4. Sewall weight Effect
5. Hardy - Weinberg Principle / assumptions.

7. Human Health and disease.

2marks

1.Enteric fever
2.Nipah virus.

3marks

1. Types of malaria
2 Cannobinoids

5marks

1.Common Human disease
2.Prevention and control Alcohol

8.Imminology

2marks

1. Peyer's Patches.
2. MALT
3. types of Immunogloblumin.

3marks

1.Antigen/Antibodies reaction
2.Anaphylaxis
3. Scope of immunology

5marks

1. Immunoglobulin.
2. Enumate Immunity and types.
3. Stature of HIV
4. thymus is secondary lymphoid organs
5. scope of Immunology

9. Microbes in human welfare

2marks

1. Zymology/oenlogy

3marks

1.Cyclosporim A

5 marks

1.microbes in the production of biogas.

10. Application of Biotechonology

2marks

1.Totipotency
2. Pluripotency
3. Trade marks

3marks

1. Somatic / greem line gene theraphy

5marks

1. DNA vaccines.
2. uses of transgennic
3. Advantage and disadvantages of cloning?
4. Ethical Issues of closing

11. Organisms and Populations

2marks

1. Pedosphere.
2. Acclimatization..
3. Bergmann's Rule

3marks

1.phototropism
2. Ecological Niche
3. Eurytherms / Stenotherm's

5marks

TNDRA / TAIGA Biomass
Properties of water / Soil

12. BIO DIVERSITY AND CONSERVATION

2 Marks

1. Where are the sparrows?
2. Red data Book

3 Marks

1. Scared Croves
2. CITIES

5 Marks

1. Insitu/ Exsitu conservation
2. Causes of Bio diversity law
3. Level of Bio diversity

13.ENVIRONMENTAL ISSUES

2 Marks

1.Global Warming
2. Ozone Depletion
3. Acid rain

3 Marks

1.Air quality index
2.Algal bloom
3.Agro chemical
4. ECOSAN TOILET

5 Marks

1. Classification of Pollunts
2. Eutrophication
3. E- waste