

class 12 Biology Important Questions for CBSE

1. Process of microsporogenesis or megasporogenesis
2. structure of ovule, Pollen grains, Anther
3. Short notes - Double fertilization / Post fertilization Event
Emasculatation, False fruit, Apomixis, Polyembryony
4. Male or female Reproductive Organs, Gametogenesis
Phases of menstrual cycle.
5. Short notes - Placenta, sperm, Prostate gland, Leydig cell,
6. Explain it - IVF, GIFT, ZIFT, ET, IUI, ICSI, MZP
7. Mendel's Law (monohybrid cross / Dihybrid cross), Co-dominance
Complete / Incomplete Dominance, Test cross / Back cross
Linkage, Sex determination (Human, Honey Bee, Birds)
8. Pedigree Analysis, Mendelian Disorders (Haemophilia / Colour blindness, sickle-cell Anaemia) Syndrome (Down's, Turner, Klinefelter) Blood group
9. Double Helical DNA model, Chargaff's rule
Central Dogma, DNA Replication, Transcription
10. Genetic code, t-RNA, The lac operon
DNA fingerprinting, Describe the Hershey-Chase experiment.
11. Miller's Experiment, Homologous, Analogous Organ
12. Short notes - Typhoid, Dengue fever, Chikungunya, malaria, Filariasis, Acquired Immunity

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13. Allergy, AIDS, cancer, opioids, Hallucinogens
14. Principles of Biotechnology, Bioreactors
15. Short notes - Biopiracy, ELISHA, GM crops
BT cotton
16. Types of Age Pyramid, Natality and mortality
S and J shaped Growth Patterns
17. mutualism, commensalism, Parasitism
18. Ecosystem, pond ecosystem, food chain & food web
Ecological Pyramid, Energy flow
19. Biodiversity, In-situ & Ex-situ Conservation
Difference between National Parks & Biosphere Res.
20. Differentiate between the following:
 - 1) Perisperm & Pericarp
 - 2) Upright & Inverted Pyramid
 - 3) BOD & SCP (single cell protein)

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