

Examrace

Competitive Exams: Revision Terminology Part 31

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- $$IQ = \frac{\text{mental age}}{\text{real age}} \times 100$$
- 140 or more – genius.
- 80 – 90 – ordinary.
- Monophyodont – teeth not replaced – platypus, marsupials, moles, sireans, toothed whale
- Diphyodont – teeth replaced once – milk & permanent – mammals.
- Polyphyodont – teeth replaced many times – lower vertebrates.
- Homodont – Same in shape – fish, amphibian, mammals – toothed whale, dolphins, porpoises, armadillos.
- Heterodont – difference in shape – extinct reptiles & most mammals.
- Toothless mammal – Spiny ant eater, Scaly ant eater, whales.
- Infective stage of *farciola hepatica* to sheep = metacercariae.
- Histones = Basic proteins
- N₂ base + sugar = Nucleoside
- Nucleoside + phosphate = Nucleotide.
- Role in transcription in eukaryote – regulatory protein (transcription factor) , DNA sequence (enhancers)
- Crystals – Raphides & Crystal sand, myrosiniferous.
- Cystolith – CaCO₃, Utricaceae, Acanthaceae.
- Carotenes – open chain conjugated double bond system. Ending on both sides with ionone rings.
- Carotenes – difference Carotenes differ only in arrangement of methyl groups in space = stereoisomers.
- Phycobilins – open conjugated system of 4 pyrrole ring & lack methyl & phytol tail.

- PS I = weakly Fluorescent light harvesting complex contain antenna pigment associated with proteins.
- PS II – Strongly fluorescent
- Chr which define family are more general than which define cohort.
- Metaphase spindle formation prevented by colchicine.
- Tomato – Oxalic acid.
- Hexokinase is ab in mitochondria
- T – RHA – 3D Structure – intramolecular H₂ bonding
- Basic spore shape of fern – tetrahedral arrangement in anaphase I
- Rachilla – Spikelet contain central stalked structure.
- Arapatric pop with adjacent geog. Ranges.
- Earthworm – fertilization in cocoon.
- Leucosolenia – Scleroblast – formation of spicules.
- Formic acid – alarm signals.
- Ig E – allergic reactions.
- Paralysis of lower limb due to damage of spinal cord – paraplegia.
- Manu gas mantles, cigar lighter & gas lighter – Cerium.
- Deposition of fat in breast & hips – Estrogen.
- Oil, Soap & Comphor – reduce surface tension.
- Induction – development of notochord cause dorsal ectoderm above it to form a neural plate.
- Near absolute zero, liquid He loses all its fluidity/Viscosity = superfluidify.
- Disadvantage of Pt resistance thermometer – given slow response & not suitable for varying temp
- Background radiation is low level – Source include radioactive material pr. In rocks or cosmic rays.
- Partly rotten Gypsum rock – used as flux – china stone/Cornish/Coverall stone.
- Flux density in mag material when strong magnetizing field is removed – Remanence.
- Australian Geog. Region = Notogea.

- Process wherein filler metal is added to joints before immersion in both of molten chemical = Chemical dip brazing.
- Liver – structural unit is lobule has cells of Kupffer – ingest dead erythrocyte & deatroy bacteria
- Liver Rabbit – 5 Lobes.
- Liver Store Ut (A, D, E, B₁₂) Fe, Cu.
- Pancreas – main duct = Duct of wirsung (Accessory – duct of Santorini) .
- Pancreas exocrine – secrete Na H CO₃ to neutralize acidity of stomach (Secretin hormone)
- Pancreas endocrine – islets pf Langerhans - α – deficiency hypoglycemia – Glucagon – hyperglycemic faction.
- β – Deficiency hyperglycemia (diabetes mellitus) – insulin.
- Functional unit of kidney – nephron.
- Most of components lie in kidney cortex.
- Only loop of Henle lying in medulla.

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