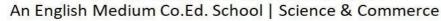
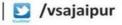


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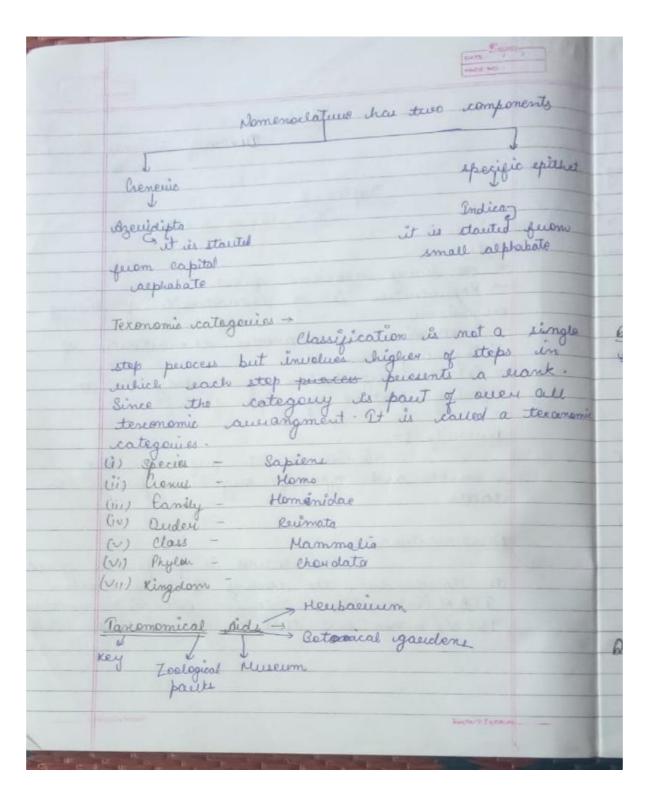


Subject - Science

Class- 11

Topic – chapter-1

13/7/2	CONTY CONTY OF THE
	Diversity in the living
	Chapter -1 The living repuld
	Notes: - Notes: - Notes: - Reproduction is a characterists of living
	diving auganisms. Collective organisms of the body is the defining feature of life forms.
	Diversity:
	Directity:- Biadiversity is suffer to the number and type of organisms persont or lasth.
	Nomenclature :- 1
	I CB N Conternational code for Botonical Nomencla
	ICZN (International code of Zoological Nomencial



DATE SINTER

mammals constitute the next higher category called bylum. All these, based on the common features like pursence of notochoud and double hollow neural systems, are included in phylum chardato In case of plants, clauses with a few similar characters are arighed to a highest (ii) class -> called Divisor. This category includes related anderes for example, order luimate compensing markey govilla and gibbon is placed in class Hammalia along weith ouder Cauninova that includes animals like tiger, lat and dog class Mammalia has other ouders also. (iii) family -The ment icategory, family, has a general with still less number of similarities as compared to igenus and species families seie characterised on the basis of both regetative and exepundue time features of plant species among animals you example, genus Conthere, tiger, cleopaed, felies (sate) in the family felide. (iv) Queley -Generally order and other higher taxonomic categories are identified category, on the aggregates of characters. Order being a higher category, is the assemblage of families which

PAGE NO.

Queso Describe harbarium, botonical gaudens, Huseum, Zoological parks and key briefly?

Haubaeium is a staire house of collected plant specimens that rare dured; pereserved on sheets fruither, these sheets are according to a universally accepted system of classification. The herbaeium sheets also knewly a lebel providing information about date of and place of collection, English, local and betonical names, family, collector's name etc. Herbauia also serve as quick ereferred systems in taxanomical studies:

(ii) Botonical Craudens ->

These specialised gaudens
have collections of living plants for
eleference, plant species in these gaudens
are grown from you identification purpose
and clack plant is clabelled indicating its
botonical scientific name and uts family.
The famous botonical gaudens care at
Kew (England), Indian Botonical Gauden,
Howard (England) and at National Botonical
Research institute, lucknown (India)

Sialogical Museums also generally set up in educational institutes such as schools and collages. Museums have collections of

Bootwa Synery...

purereured plants and animals sprinnery for study and suggerence clant and animal specimes may also be preserved as day specimens. Insects are preserved in insects boxes after collecting, killing and pinning ruseums often have collections of skeletons of animals too. (iv) Zeological packs -These are the places where wild animals usere kept in protected annielemments under human classe and which anable is to dearn about their good habits and behaviour. all animals in a zoo are presuided, as far as possible, the conditions similar to their noticual habitate . Children love risiting these pauks, commonly called Zoo. Key is another tanonomical aid used for identification of plants and animals based on the similarities and dissimilarities. The keys acre based on the contracting characters generally in a pair ralled complet. At deeperents the choice made between Two opposite options. Keys see generally condition ien native what do you leaven from identification individuals and populations? The basic dequivements in the knowledge

characters of an individual or group organisms. This helps in identifying and dissimilauties among the individuals of the same kind of kinds organisms as well as of other vilganisms. Illustrate the itanonomical hierarchy with Ques 8 suitable essamples of a splant and an Phylund Cremus Ouden Samily Philips Common Binegical Ans mame mame Homenide Recimata Hammelia Chaudata Home Han Home sapiene Kusca Kurcidar Diptoua Insecta Reethopas Housefly Musca doniestica Mangifua Anacau sapindo- Dicatel- anguas Mangifeen a Poaler Culticum Teiticum loaceae Monocotty Angio wheat aedium ledonal epeumas