Senescence (Ageing) Preface: Although bixth marks the end of foetal development, it is not end of growth and change. people contenues to cross a series of more gradual threshold as they move from infancy through chield hood, Puberty, adult hood and old age. Growth is faster in the head and body centre and lowest towards the periphery. At birth brain is the most developed organ and it is 25% of its final adult weight! The child's trunk grows faster than it arms & legs and it gains soand toemovement. Science of senescence is called Gerontology. The Scientist studying the Science of senenscence are called gerontologist what is senescence? Senescence may be defined as multidemensorial Process of Physical, cytological and Social changes Positive Senesence Versus negative senescence positive senescence is a state of mind in which people utilize every bit of life as against a trailed by passive and isolated befertyle with advancing age, commonly referred to as negative senescence Dividing the life span from Pre-conception to ovem + Spermatozon 1 (Pre-existance) Zygote (conception) Mornia

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MTB (Mid Transition Blastula) after 12th clevage 41/42 Phases added over here 6. Gastoula 7: Embryo 8. Baby (Newborn) 9. Infant (Birth - 2 years) 10. child (2 to 12 years) 11. Adolescent (Teenisagers) 12. Early Adulthood (20to 34 years) 13. Middle Adult hood (35 to 54 years) 14. Late Adult hood (55 to 60 years) 15 young old (60 to 70 years) 16. Middle old (71 to 80 years) 17. oldest old (80 years +) 18 Death 19. post dealth (Rigor Mortis Starts) 20. Decomposition 21. cryonics (After life) Ages can be devided by decodes 1. Denarian: - some one between 10 to 19 years of age 2. Vicenarian: - 20 to 29 yrs 3. Tricenarian - 30 to 39 yrs 4. Quaddragenarian - 40 to 49 yrs 5. Quenquigenarian. 50 to 59 413 Scanned with CamScanner

octagenarian - 30 to 89 yrs Nonagenerian - 90 to 99 yos 10 Centanarian - 100 to 109 yrs Super-feutamarian - 110 yrs onwards. Rate of Goowth :-4 8 10 12 This graph plots the rate of growth in che against age in years & graph shows the puberty in male! Af e to Helmenton (1994) following definition may made in the field of senescente. 1. Universal Devescence - Age changes /commonto all peoble. 2. Probabilistic des Servicence - Age changes may happen to some & not to all. 3. chronological of Senescence - the changes in terms of years. 4. Social senescence - Society expectation of how old people should act. 5. Biological Senescence! - physical state according to age. 6. Population of Senescence: - That is increased of number of proportion of the older people in the Society. * Primary Senescence: - Normal ageing process called Secondary ageing (senescence) - Ageing with diseas Scanned with CamScanner