



neurotology-William F House  
obstetric USG-Sir Ian Donald  
organ transplantation-Thomas Starz  
orthopaedics-Nicolas Andrew  
orthopaed oncology-William F Enniking  
paediatrics-Muhammad Razi  
pharmacology-Oswald Schmeideberg  
physiology-Claude Bernard  
psychoanalysis-Sigmund Freud  
public health-Cholera  
radioactivity-Henry Becqueral  
radiology, Xray-Wilhem Conrad Roentgen  
sports medicine-Galen  
stereotactic radioSx-Lar Leksell  
Sx-Ambroise Pare  
toxicology-Matthew Joseph Orfila  
traumatology-Lorenz Bohler  
virology-Martin Beijerinck

#### NOBLE PRIZE

1923-Frederick Banting, John Macleod- insulin discovery  
1953-Adolf Krebs-TCA cycle  
1958-Fredrick Sanger-sequencing insulin struct  
1980-Fredrick Sanger, Walter Gilbert-determination of base seq in nucleic acid  
2015-Willlam Campbell, Satoshi Ōmura-novel therapy(IvermectIn) against  
roundworm inf  
Youyou Tu-novel therapy(arTemisinin) malaria

#### scientist-discovery

Alexander Flemming-penicillin against Staphylococcus fr Penicillium Notatum  
Antony van Leuwenhoek-microscope, bacteria, RBC, spermatozoa  
Aristotle-spontaneous theory generation  
Arthur Kornberg(1956)-DNA polymerase I in E coli  
August Bier-1st SA  
Burnet-immunosurveillance  
Carl Kollar-discovered Cocaine  
Charaka-wrote Charaka samhita, found Ayurveda system  
Christopher Wren, Daniel John Major- 1st IV inj  
Claude Bernard-mileau interior-ECF  
Coca-cocoin atopic dermatitis  
David Moley-growth chart  
Denis-3column concept spine  
Edward Jenner-smallpox vacc, coined vaccination

Edwin Chadwick-Public Health Act 1848  
Evan McGill-Made popular ETT  
Frenkel-Str pneum  
Goetz-1st coronary a bypass  
Gould-coined sentinel LN  
Hans Adolf Krebs(1937)-described TCA cycle  
Harold Gridith-use curare product for m relax  
Harrison Allen(1889)-palatoprint  
Henry Dunant-found red cross  
Horse Wells-1st public demonstration N2O anaesth for dental Sx  
Humphrey Davy-Discovered N2O analgesia  
Dr Ignacio Ponseti-meth manipulation CTEV  
James Lind-prevention of scurvy  
Jens SKou-Na-K pump  
JerNE-idiotypic NEtwork  
John Hunter-discovered plain catgut  
John Shea-1st Stapedectomy  
John Snow(1854)-concept of spot map(asiatic cholera) in Golden<sup>2</sup> district London  
Joseph Lister-Laudable pus, physical sterilization  
Landsteiner-bld grp Ag  
Langley-receptor concept  
Dr Lawrence Farwell-brain Fingerprint  
Louis Pasteur-microbial theory of fermentation, anthrax vacc, cholera vacc, rabies vacc, Streptococcus, principle of sterilizat, coined vaccine, germ theory of ds  
Metchnikoff-phagocytosis  
Muhammad Rāzi-wrote The Ds of Child  
Nicolas Andrew-coined orthopedic, 1st textbook  
Ogston-Staphylococcus  
Oliver Wendel Holmes-coined anaesthesia  
Otto Loewi-ACh  
Pattenkoffer-multifactor causation ds  
Prمود Karan Sethi, Ram Chandra Sharma(1969)-Jaipur foot  
Priestley-synthesise O2&N2O  
PRuissner-PRion PRotein  
Dr Robert Haughen-cafe coronary  
Robert Koch-anthrax, TB, cholera  
Ronald Ross-Plasmodium life cycle  
Rudolf Virchow-coined amyloid  
Ruska-electRon microscope  
Sushruta-wrote Sushruta samhita  
vonBekesy-travelling theory of hearing  
W T G Morton-1st public demonstration ether anaesth(16/10/1846)  
Walter F Cannon-homeostasis

Walter Reed-yellow fever transmission  
Sir William Herschel(1858)-1st use dactylography  
William McEwen-1st introduce ETT  
Wright-opsonization

1st country/state

China-accupuncture  
England-concept of healthcare&public health  
France-pasteurisation  
Germany-compulsory health insurance  
Haryana-newborn screening lab  
India-iodised salt, fingerprinting bureau, start family planning p, blind control p, new ORS(Jun2004)  
Rome-sewer&aqueduct for sanitation  
Russia-Socialise medicine completely  
Saudi Arabia(2012)-MERS(Middle East resp synd-coronavirus)

Key-event

1844-1st inhalation anaesth used  
1881-1st census India  
1897-1st fingerprint bureau in Bengal  
1917-1st anaesth machine  
1944-World bank  
1951-Family Planning p  
1953-National Malaria Control p(NMCP), Watson&Crick model DNA  
1955-National Filaria Control p(NFCP), National Leprosy Control p(NLCP)  
1956-61-sterilization  
1957-KFD recognise in Shimoga  
1958-National Malaria Eradication p(NMEP)(↓mosquito life span<10d)  
1960-IUCD  
1961-Midday Meal(School Lunch) p  
1962-National TB Control p(NTCP), National Goitre Control p(NGCP)  
1963-National p for Trachoma Control(NPTC)  
1970-Balwadi Nutrition p(BNP)  
1971-Urban Malaria Scheme(UMS)  
1975-National Cancer Control p(NCCP)  
02/10/1975-Integrated Child Development Services(ICDS)  
1976-National p for Control of Blindness(NPCB)  
1977-Modified Plan of Operation(MPO)  
1978-Declaration of Alma Ata(prim health care)  
1980-National Water&Sanitation p(NWSP), World declared free of small pox  
1981-1st disability census  
1982-National Health Policy, National Mental Health p(NMHP)



23Mar-World meteorological  
24Mar-antiTB  
01-07Apr-prevention of blindness w  
02Apr-World Autism Awareness  
07Apr-World health  
22Apr-World earth  
01-07May-nutritious diet w, MAlaria control w  
01May-worker, Maharashtra  
03May-mother  
06May-World children  
08May-World redcross  
15May-International family  
31May-no tobacco  
Jun-anti malaria mth  
04Jun-International d of innocent children victim of aggression  
05Jun-World environment, Father  
10Jun-Eye donation  
21Jun-International yoga  
26Jun-International d against drug abuse& trafficking  
01Jul-doctor  
10Jul-safe motherhood  
11Jul-World population  
19Jul-occupational health  
01-07Aug-International breastfeeding w  
08Sep-World literacy  
28Sep-World rabies  
01Oct-International elderly, bld donation  
02Oct-World housing, anti drug addiction  
03Oct-World habitat  
10Oct-Mental health  
13Oct-UN International national disaster reduction  
2ndWed Oct-World disaster reduction  
16Oct-World food, World anaesthesia  
24Oct-UN  
02Nov-International safety  
07Nov-cancer awareness  
10Nov-Universal immunization  
14Nov-children, diabetes  
01Dec-World AIDS  
02Dec-National population prevention  
03Dec-World handicap  
08Dec-International mentally handicap  
10Dec-Human right

11Dec-UNICEF

AMRUT-Atal Mission for Rejuvenation& Urban Transformation  
BETTS-Birmingham Eye Trauma Terminology System  
CARE-Cooperative for Assistance& Relief Everywhere  
DASH-Dietary Approach Stop HTN(fruit& vegetable, low fat dairy diet)  
DICOM-Digital Imaging& COmmunications in Medicine  
DISS-Diam Index Safety System  
FAO-Food& Agriculture Organisation  
GAIN-Global Alliance for Improved Nutrition  
IBRD-International Bank Reconstruction& Development  
IDA-International Developm Association  
ILO-International Labour Organisation  
LAM-Laser Assisted Myringotomy  
LUMINATE-Lux Uveitis Multicentre Ix of New Approach to Treatment  
MALDI-Matrix Associated Laser Desorption Ionisation  
MERMER-Memory& Encoding Related Multifaceted EEG Response  
MMPI-Minnesota Multiphasic Personality Inventory  
MUDRA-MicroUnit Developm& Refinance Agency  
PACS-Picture Archiving& Communication System  
ROME-ReOrient Medical Education  
SAFAR-System of Air quality weather Forecasting& Research  
SIDA-Swedish International Developm Agency  
UNAID-United Nations Agency for International Developm  
UNDP-United Nations Developm p  
UNESCO-United Nations Education, Scientific, Cultural Organisation  
UNFPA-United Nations Fund for Population Activities

#### Abbreviations

a-artery, AA-amino acid, abtc-antibiotic, AI-autoimmune  
bef-before, bel-below, b/l-bilateral, bld-blood, b/n-between, bn-benign, br-branch,  
Bx-biopsy  
ca-carcinoma, carb-carbohydrate, c/i-contraindication, c/l-contralateral,  
conc-concentration, cong-congenital, Cx-cervix  
d-day, def-deficient, ds-disease, d/t-due to, Dx-diagnosis  
E-estrogen  
fem-female, fr-from  
gld-gland, glu-glucose  
h-hormone  
idiop-idiopathic, i/l-ipsilateral, inf-infection, inj-injury  
lig-ligament, LL-lower limb, l/t-leading to  
m-muscle, maj-major, mal-male, MC-most common, met-metastasis, min-minor,  
mtx-methotrexate, Mx-management  
n-nerve, norm-normal  
P-progesterone, pl-plasma, prot-protein, pt-patient  
Rx-treatment

SCC-squamous cell carcinoma, sr-serum, Sx-surgery, sz-seizure  
tm-tumour, ts-tissue  
UL-upper limb, u/l-unilateral  
vag-vagina, VC-vocal cord, vel-velocity, vert-vertebra, vit-vitamin, vol-volume  
w-week, wt-weight  
Xr-X ray  
y-year  
#-fracture  
°-degree

THESE NOTES ARE ONLY FOR THE PURPOSE OF GUIDANCE AND HELP  
TO PG ASPIRANTS, NOT FOR COMMERCIAL OR OTHER PURPOSE. REFERENCE  
HAS BEEN TAKEN FROM VARIOUS STANDARD TEXTBOOKS.