

[A] LAXATIVES

Created By:-Aakash Naik DCP-1

DEFINATION:-Which the loose bowels (Intestine) or the drug promote difection (push out the excreta from the body through the anu

Sr.no.	Drug	Synonyme	B.S./Family	C.C.	Uses	C.T.
1	ALOE	Musabhar,korp had,aloe	Dried juice of the leaves of <i>aloe barbadensis miller.</i> Family-Lillaceae	Barbaloin,Aloe emodin,Resin cinnamic acid	Irritant,cosmetics applied for pain	1)Schoenteten's reaction 2)klunge's test 3)Modified Borotrager test
2	RHUBARB	Rheum,Rhizome Rhem,Rhubarb-Rhizome	Its consist of <i>Rhizome of Rhume palmatum linn</i> Family-polygonaceae	Rhein,aloe-emodin, Chrusophanol cinnamic acid,physicon gallic acid,calcium oxalate,Rhein acids	Mild purgative stomatic,Astringent	1)Adstition of ammonia, pink colour. 2)Borotrager's test
3	CASTOR OIL	Oleum Ricini	The fixed oil obtained by the cold expression of <i>Ricinus communis.</i> Family-Eupherbiaceae	Ricinolic acid,linolic,Strearcic,Isostearic acid	Paints,varnishes,emollient used in	
4	ISAPAGHULA	Isapgol,Isabgol	Dried seeds of plantago ovata Family-Plantaginaceae	Pentosan,aldobionnic acid,mucilage	Paints,varnishes,emollient used in hair oil	
5	SENNA LEAVES	Indian senna, Tineevelly,senna	Dried Leaflets of <i>cassia angustifolia</i> Family-Leguminosae	Pentosan,aldobionnic acid,mucilage	Laxative,Irritant, purgative	Borotrager test

[B] CARDIOTONICS

DEFINATION-Are the drug which give strenght or energy to the activity of heart Eg.Digitalis,Arjuna

Sr.No.	Drugs	Synonymes	B.S./Family	C.C.	Uses	C.T.
1	DIGITALIS	Foxgloves leaves, Digitalis leaves	Dried Leaves of <i>Digitalis purpurea</i> Family-Scrophulariaceae	Purpurea glycoside A&B,Digitonin,Saponin glycosides,gintonin	Cardiotonic,used in CCF (Congestive cardiac Failure	Killer Killani Test

Sr.No.	Drugs	Synonyme	B.S./Family	C.C.	Uses	C.T.
2	ARJUNA	Arjuna Bark	Dried stem bark of <i>Terminalia arjuna</i> Family-Combretaceae	15% tannins arjunolic acid, allagic acid	Cardiotonic diuretic	

[c] CARMINATIVE AND GASTRO-INSTINAL REGULATORS

DEFINATION:-The soothing medicament that act by reliving pain in the stomach and intestine and axel gas form G.I.T

Sr.No.	Drugs	Synonyme	B.S./Family	C.C.	Uses	C.T.
1	CARDAMON	Elaichi, Cardamon Fruit	Dried ripe fruits of <i>elattaria cardamomum</i> Family-Zingiberaceae	Cineol, borneol, terpinyl, acetate, terpinene fixed oil starch	Carminative, aromatic stimulant, flavouring agent	
2	CORIANDER	Coriander fruits dhane, dhanian	Dried ripe fruits of <i>Coriandrum sativum</i> Linn Family-Umbelliferae	Coriandrol, Terpenes, fixed oil, proteins linoleol, L-borneol, geraniol, vit. A	aromatic, carminative stimulant, flavouring agent, spicy food	
3	FENNEL	Badishep, fennel fruit	Dried ripe fruit of <i>foeniculum vulgare</i> miller Family-Umbelliferae	Fenchone, anethol, limonene, methoxy aldehyde	Carminative, aromatic respiratory stimulant, flavouring agent, aromatic,	
4	GINGER	Adark, zingiber	It consist Rhizome of <i>zingiber officinale</i> Family-Zingiberaceae	Gingiberene, gingerol, shogaol, cineol, citral, borneol, terpenes	carminative, stimulant, flavouring agent, aromatic used in mouth wash	
5	ASAFOETIDA	Hing, gum, asafoetida	oleo-gum resin and consist of rhizomes and root of <i>ferula foetida</i> Family-Umbelliferae	Asaresin-tannol, umbelliferone, pinene terpenes	carminative nerve tonic, flavouring agent, antestinal antiseptic, veterinary medicine	

Sr.No.	Drugs	Synonyme	B.S./Family	C.C.	Uses	C.T.
6	CINNAMON	Kalmi-Dalchini, cinnomon bark	Dried inner bark of <i>cinnam - omum Zelynicum nees.</i> Family-Lauraceae	Cinnamaldehyde eugenol, caryophyllane	Carminative, flavouring agent, mild astringent, powerful germicide	
7	NUTMEG	Myristica, jaiphal	Dried ripe seed of <i>myristica fragrans</i> Family-myristicaceae	myristicin, aleminicin, saffrol nutmeg butter	aromatic, stimulant, fat content is used in soap industry	
8	CLOVE	Lavang, laung, clove bud	Dried flowerbud of <i>Eugenia caryophyllus</i> Family-Myrtaceae	eugenol, isoeugenol, methyl furfural, alpha and beta caryophylline	Carminative, aromatic, stimulant, antiseptic, flavouring agent, dental analgesic oil	
9	AJOWAN	Bishop's weed, trachyspermum copticum link	Dried ripe fruits of the plant <i>trachyspermum ammi</i> Family-Umbellifererae	Thymol, p-cymene, terpinene pinerie, glycoside, steroidal	antiseptic, aromatic, carminative, perfuming disinfectant soaps, antispasmodic soaps	
10	BLACK PAPPER	Kalimiri, golmirchi kalimirchi	Dried fully developed unripe fruits of <i>piper nigrum</i> Family-Piperaceae	piperine, piperidine, pipertine, chavicine, caryophyllene, piperonal, phellandrene	aromatic, stimulant, carminative as condiment and spice	

[D] ASTRINGENT

DEFINATION:- Are the substances which cause contraction of organic tissue by precipitating.

Sr.No.	Drugs	Synonyme	B.S./Family	C.C.	Uses	C.T.
1	BLACK CATEU	Khadir, Khair, kattha, cutch	Dried aq. Extract of the heartwood of the plant <i>acacia catechu.</i> Family-Leguminosae	Acacatechin, catechu red, quercetin, gum	Astringent used for digestion, dyeing and tanning, preservative Astringent	1) Vanilin test 2) Ferric chloride test

2	GAMBHIR CATECHU	Pale catechu	Dried aq.Extract prepared from the leaves of <i>uncaria gambier</i> . Family-Rubiaceae	Catechutannic acid, catechin,catechu red, gum,ganbirfluorescin	Astringent	1)Vanilin test 2)Match-stick test 3)Gambier flurescin
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[E] DRUGS ACTING ON NERVOUS SYSTEM

Sr.No.	Drugs	Synonyme	B.S./Family	C.C.	Uses	C.T.
1	HYOCYAMUS	Hyoscymus herb, Henbane	Dried Leaves and flowering tops of <i>hyscymus niger lin</i> Family-Solanceae	l-hysocyamine,hyoscine,atropine, alkaloids,lamina, tropine	Sedative,expectorant, antispasmodic, anti-asthmatic	
2	DATURA	Datura herb, dhotara,dhatura	Dried leaves and flowering tops of <i>datura metal variet</i> Family-Solanceae	Hyoscine,l-hyosoyamine,atropine, scopolamine.	Antispasmodic,treat the duadenal and gastric ulcer	1)Vitali morin 2)Silver nitrate
3	ACONITE	Aconite root Monkhood	Dried root of <i>aconite napellus linn</i> . Family-Ramumculaceae	Aconitine aconine, neopelline,neoline, benzoyl aconin	Analgesic,cardiac depresent,to treat rheumastic	
4	ASHWAGAN-DHA	Withania roots, asgand, Aswagandha	Dried roots stem bases on <i>withania somnifera</i> Family-Solanceae	Tropine,anaferin, Withasomnine, vasamine	Hypotensive, depresent,antispasmodic,antitumor	
5	EPHEDRA	Ma-Haung	Dried young sten of <i>Ephedra gerardiana</i> Family-Gnetaceae	Ephedrine,l-methyl ephedrine,dimethyl ephedrine	Used in relief of asthma,high fever, Whooping cough sympathomimetic	
6	OPIUN	Raw opium	Dried latex obtained from of the plant, <i>papaver somniferum linn</i> Family-papaveraceae	Morphine,codeine, noscopine,narcotine, papaverine	Analgesic,hypnotic, narcotic,expectorant, bronchitis diaphoretic	
7	CANNABIS	Cannabis indica, ganja	Dried flowering tops of <i>cannabis sativa linn</i> Family-cannabinaceae	Resin,cannabinol, trigonelline,choline	Narcotic,sedative, Analgesic,causes intoxication	

Sr.No.	Drugs	Synonyme	B.S./Family	C.C.	Uses	C.T.
8	NUX-VOMICA	Crow-fig, Semen strychni, nux-vomica seed	Dried rip seeds of <i>strychnos nux-vomica linn</i> Family-Loganiaceae	indol alkaloids, strchin bruchine	tonic, stimulant Strychinine	

[F] ANTIHYPERTENSIVES

DEFINATION: The medicaments given in the treatment of high blood pressure are known as antihypertensive drugs eg. Rauwolfia

Sr.No.	Drugs	Synonyme	B.S./Family	C.C.	Uses	C.T.
1	RAUWOLFIA	Rauwolfia root, Chhotachand, Snake-root	Dried root of the plant <i>Rauwolfia serpentina</i> . Family-Apocynaceae	Reserpine, resinnamine, ajmaline, rauwolfinine	reserpine used as tranquilizer, antihypertensive	

[G] ANTI-TUSSIVES

DEFINATION: - Are the agent which act upon the pulmonary membranes that hasten or alter expectoration. eg. Vasaka leaves, Tulsi, Tolu balsam

Sr.No.	Drugs	Synonyme	B.S./Family	C.C.	Uses	C.T.
1	VASAKA LEAVES	Adhatoda	Dried as well as fresh leaves of the plant <i>Adhatoda vasica nees</i> Family-Acanthaceae	Anti-tussive, volatile oil, adhatodic acid, vitamin-C	used to treat cold, cough, whooping cough, asthma	
2	TULSI	Sacred basil, Holy basil	Fresh and dried leaves of <i>Ocimum Sanctum linn</i> Family-Labiatae	Volatile oil, Methylugenol, carvocrol	Antibacterial, insecticidal, antiprozoal, diaphoretic	
3	TOLU BALSAM	Balsam of tolu	Solid or semi solid balsam obtained from the trunk of <i>Myroxylon Balsamum</i>	Benzoic acid, quantities of vanilline, styrol	flavouring agent, chewing gum, antiseptic	

		Family-Leguminosae		
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[H] ANTIRHEUMATICS

DEFINATION:-The drugs used to relieve or used in the treatment of rheumatism are known as antirheumatics

Sr.No.	Drugs	Synonyme	B.S./Family	C.C.	Uses	C.T.
1	INDIAN BDELLIUM	Guggul,Scented bdellium,	Guggul incision of the bark of the plant <i>Commiphora weightii</i>	Dimercene polymy- rcene,caryophyllene	anti-inflammatory, anti-rheumatic, hypolipidemic	
2	INDIAN COLCHICUM	Colchicum seeds	dried seed of the plant <i>Colchicum luteum</i> Family-Liliaceae	Colchicoresin,dem- ecolcine,colchicine	cultivation of medici- nal plant,horticulture	
3	COLCHICUM CORM	Autumn crocus corm,Meadow Saffron corm	Corms of meadow saffron <i>Colchicum Autumnale</i> in the fresh or Dried form Family-Liliaceae	Democolcine,colchi- coresin,colchicoside	induce polyploidy, relieve pain	

[I] ANTILEPROTICS

DEFINATION:-The drugs used in the treatment of leprosy are known as antileprotics

Sr.No.	Drugs	Synonyme	B.S./Family	C.C.	Uses	C.T.
1	CHAULMOO- GRA	Hydnocarpus oil, Gynocardia oil	Fixed oil obtained ripe seeds of the plant <i>Hydnocarpus anthelmini- tica</i> Family-Flacourtiaceae	Chaulmoogric acid, hydnocarpic acid	Treatment of T.B., only external used	

[J] ANTITUMOUR DRUGS

DEFINATION:-Drugs are used in the treatment of cancer

Sr.No.	Drugs	Synonyme	B.S./Family	C.C.	Uses	C.T.
1	VINCA	Catharanthus, vinca rosea, periwinkle	Dried whole plant of <i>Catharanthus roseus</i> Family-Apocynaceae	glycosides,alkaloids	treatment of leukaemia,treatment of generalised hodgkin's and antidiabetic activity	

[K] ANTIDIABETICS

DEFINATION:-The substances used in treatment of diabetics are known as antidiabetics

Sr.No.	Drugs	Synonym	B.S./Family	C.C.	Uses	C.T.
1	GYMNEMA	Gudmar, Madhu nashini	The leaves of the plant known as <i>Gymnema sylvestre</i> Family-Asclepiadaceae	Hentriacontane, pentriacontane, phytine, formic acid, tartaric acid, gymneric acid	use as a antidiabetics, stimulant, laxative and diuretic	
2	PTEROCARPUS	Bijasal, Indian kin tree, asana, rakta-chandan	Dried juice of the plant <i>Pterocarpus marupium</i> Family-Leguminosae	Kinotannic acid, pyrocatechin, resin, gallic acid		

[L] DIURETICS

DEFINATION:-Diuretics are the drugs which increase the flow of urine

Sr.No.	Drugs	Synonyme	B.S./Family	C.C.	Uses	C.T.
1	GOKHRU	Puncture vine	Dried fully ripen fruit of the plant <i>tribulus terrestris</i> linn Family-Zygophyllaceae	alkaloid harmine and harman, gitogenin, chlorogenin and ruscogenin	used as a diuretics, tonic, treatment of calculous affection and painful micturition	
2	PUNARNAVA	Rakta punarnava, Hog weed, punarnava	Dried herb known as <i>Boerhaavia difussa</i> Family-	Punarnavine, potassium nitrate, ursolic acid		

[M] ANTIDYSENTERICS

Sr.No.	Drugs	Synonyme	B.S./Family	C.C.	Uses	C.T.
1	IPECACUA-NHA	Ipecac	Dried roots or the rhizomes and roots of <i>cephaelis ipecacuanha</i> Family-Rubiaceae	Ipecacuanhic acid, glycoside ipecacuanhin, emetamine	used as an emetic in the form of syrup, treatment of amoebic dysentery	

[N] ANTISEPTIC AND DISINFECTANTS

DEFINATION:-Antiseptic are the chemical sterlizing substance which are used to kill pathogenic microbes.

Sr.No.	Drugs	Synonym	B.S./Family	C.C.	Uses	C.T.
1	TURMERIC	Indian saffron, Haldi,haridra	Dried,as well as,fresh rhiz- omes of plant known as <i>Curcuma Longa</i> Family-Zingiberaceae	Curcuminoids,Zingi- berene,ornoel, caprylic acid	Used as a antiseptic, Colouring agent,used for the detection of boric acid	
2	BENZOIN	Sumatra benzoin, Gum benzoin, Loban	Balsamic resin obtained from <i>styrax benzoin</i> Family-Styraceae	Benzoic and cinnamic acid,sumaresinolic and siaresinolic acid	Carminative and diu- retic,antiseptic,protec- tive,treatment of upp- er respiratory track infection	
3	MYRRH	Gum myrrh,bol, myrrha	Oloe-gum-resin obtained from <i>Commiphora molmol</i> Family-Burseraceae	Volatile oil contains terpenes,cuminic ald- ehyde,eugenol	Stimulant and anti- septic,protective, mouth wash and gargles	
4	NEEM	Margosa,nim	Consist of leaves and other aerial parts of <i>Azadirachta</i> <i>indica</i> Family-Meliaceae	neem leaves cantain nimbosterol and quercetine,seed cantaine azadirachtin, salanin,trunk bark can- taine nimbin,nimbidin nimbinin	Antiseptic and insec- ticides,active against various fungi.being screened for efficacy in treatment of AIDS	

[O] ANTIMALARIALS

DEFINATION:-These are the drugs which are used in prophylaxis or treatment of malaria.

Sr.No.	Drugs	Synonyme	B.S./Family	C.C.	Uses	C.T.
1	CINCHONA	Jesuit's bark, peruvian bark	Dried bark of cultivated tree of <i>cinchona calisaya</i> Family-Rubiaceae	stem bark contain quinin, seeds and other parts contain alkaloids.	antimalarial and antipyretic, used in rheumatism and neuralgia	

[P] OXYTOCICS

DEFINATION:-These are the drugs which have stimulant effects on the motility of the uterus.

Sr.No.	Drugs	Synonyme	B.S./Family	C.C.	Uses	C.T.
1	ERGOT	Ergot of rye, ergota	Dried sclerotium of a fungus <i>Claviceps purpurea</i> Family-Hypocreaceae	active alkaloids are laevorotatory, lysergic acid or iso- lysergic acid	labour to assist delivery and reduce post- partum haemorrhage, treatment of migraine	

[Q] VITAMINS

DEFINATION:-These are the substance which are considered to be essential for the maintanance of normal metabolic functions.

Sr.No.	Drugs	Synonym	B.S./Family	C.C.	Uses	C.T.
1	SHARK LIVER OIL	Oleum selachoids	Fix oil obtained from the fresh and carefully preserved liver of various species of shark,mainly <i>Hypoprion brevirostris</i> Family-	Vitamin A,lycerides of saturated,unsaturated fatty acids	deficiency of vit. A antixerophthalmic used in burn and sunburn ointments	
2	AMLA	Emblica,indian goose berry, embelic myrobalam	Dried fresh food of the plant <i>Emblica officinalis</i> Family-Euphorbiaceae	Vit. C,phosphorous, iron,calcium	Largely used in indian medicine,preparation of inks,hair oil,shampoo seed of the fruit given in treatment of asthma and bronchitis	

[R] ENZYMES

DEFINATION:-Enzymes are the substances,which serves a role of catalysing the boichemical reaction

Sr.No.	Drugs	Synonyme	B.S./Family	C.C.	Uses	C.T.
1	DIASTASE	Amylose,malt diastase,salivary diastase			Used as a digestant, production of predigested starchy foods.	
2	YEAST		Unicellular fungal micro-organisms saccharomyces cerevisiae Family-Saccharomycetaceae	member of vit.B group nitrogenous compound,thiaminc,riboflavine,nicotinic acid, patothenic acid	Manufacture of alcohol,beer and various wines,used as a source of vit. B	
3	PAPAYA		Cultivated fruiting tree known as <i>caria papaya linn</i> Family-Caricaceae	papaya-latex are the mixture of papain and chymopaoain,polypeptides and amides	Clarification of beverages and as a meat tenderiser,degumming of silk fabrics in textile industry	

[S] PERFUMES AND FLAVOURS

PERFUMES:-The perfumes derived from animal sources slow down evaporation of perfumes oil and make the fragrances long lasting, because of which they are called as fixatives.

FLAVOURING AGENT:-The flavouring agent used in medicines have no therapeutic advantage but, they certainly have a psychological importance.

Sr.No.	Drugs	Synonyme	B.S./Family	C.C.	Uses	C.T.
1	PEPPERMINT OIL	Oleum mentha piperita	Volatile oil obtained by distillation of the fresh flowering tops of the plants <i>Mentha piperita</i> linn. Family-Labiatae		Carminative, stimulant aromatic, counter-irritant and flavouring agent, used in tooth-paste, shaving creams, cigarettes.	
2	SANDAL WOOD	Yellow sandal wood, lignum santali	Dried heartwood of <i>Santalum album</i> linn. Family-Santalaceae	Two isomeric sesquiterpene alcohol, aldehyde santalal, santene, santenone	Source of sandal wood symptomatic treatment of dysurea. manufacture of boxes	
3	LEMON OIL		The fresh peel of the ripe or nearly ripe fruits of <i>Citrus-limonis</i> Family-Rutaccae	Limonene, citral	Flavouring agent and in perfumery. preparation of terpeneless lemon oil.	
4	ORANGE OIL	Sweet orange oil, Oleum Auranti	Fresh orange peels of sweet orange <i>Citrus-sinensis</i> Family-Rutaccae	(+) Limonene, cetonellal, citral and decanal.	Flavouring agent and preparation of terpeneless orange oil	

Sr.No.	Drugs	Synonyme	B.S./Family	C.C.	Uses	C.T.
5	LEMON GRASS OIL	East indian lemon Grass oil	Stem distillation from the leaves and aerial parts of the plants <i>Cymbopogon Flexuosus</i> , <i>cymbopogon citrates</i> . Family-Graminae	citral,nerol and geraniol	Flavouring agent and perfumeri.source of citral,synthesis of vit. A	

[U] MISCELLANEOUS NATURAL DRUGS

Sr.No.	Drugs	Synonym	B.S./Family	C.C.	Uses	C.T.
1	LIQUORICE	Liquorice root, Glycyrrhiza,mulethi	Dried peeled or unpeeled roots and stolons of the plant <i>Glycyrrhiza glabra</i> linn Family-Leguminosae	glycyrrhizin,flavon glycoside,liquiritin glucose,resins,asparagine	used as demulcent and mild expectorant.used as a sweetening agent and flavouring agent	
2	PICRORRHIZA	Indian gentian, kutki	Dried rhizome of the plant <i>Picrorrhiza kurroa</i> Family-scrophulariaceae	picroside I,picroside II,kutkoside	Valuable bitter tonic, antiperiodic,febrifuge, stomachi.treatment of jaundice	
3	LINSEED OIL		Fixed oil obtained from the Dried fully ripe seeds of <i>Linum usitatissimum</i> linn Family-Linaceae	glycerides of palmitic, stearic,oleic,linoleic and linolenic acid. linamarin	used in treatment of scabies and other skin diseases along with sulphar.manufacture of soap,greases,polymers.	

Sr.No.	Drugs	Synonyme	B.S./Family	C.C.	Uses	C.T.
4	SHANKHPU-SHPI	Shankhwel, Shankhphuli	Aerial parts of the plant <i>Conscora decussata</i> Family-Gentianaceae	triterpenes, alkaloids, xanthones	entire plant fresh juice are used in medicine.	
5	GARLIC (LAHSUN)	Allium	Bulbs of the plants <i>Allium sativum</i> linn Family-Liliaceae	allyl propyl disulphide diallyl disulphide, alliin and allicin.	used as a carminative, aphrodisiac, stimulant disinfectant in the treatment of pulmonary condition	
6	DIOSCOREA	Yam, Rheumatism root	Dried tubers of the plant, <i>Dioscorea deltoidea</i> Family-Dioscoreaceae	diosgenin, a steroidal sapogenin	rich source of diosgenin used as precursor for synthesis of several corticosteroids, sex hormones. treatment of rheumatic arthritis	
7	SHATAVARI	Shatmuli	Dried roots and leave of the plant <i>Asparagus racem - ous</i> Family-Liliaceae	Shatavarin-I	used as tonic and di-uritic. Treatment of rheumatism and nerve disorders.	
NATURAL PESTICIDES						
8	TOBACCO		Dried leaves of <i>Nicotiana tabacum</i> , Family-Solanaceae	pyridine-piperidine type of alkaloids, Nicotine	stimulant effects on heart and nervous system. quick acting poison	
9	PYRETHRUM	Natural Pyrethrum, insect flower	Dried flower-heads of <i>Chrysanthemum cinerarie-folium</i> Family-Compositae	pyrethrin, cinerin and jasmoline	preparation of mosquito coils and stick.	

[T] PHARMACEUTICAL AIDS

DEFINATION:-The substances which are of little or no theropeutic value,but are assentially used in manufacture or compounding of various pharmaceuticals are known as pharmaceutical aids.

Sr.No	Drugs	Synonyme	B.S./Family	C.C.	Uses	C.T.
1	ACACIA (IND- IAN GUM)	Gum acacia, Gum arabic.	Dried gummy exudation obtained from the stem and branches of <i>Acacia arabica</i> wild Family-Leguminosae	L-rhamnose,D-galac- tose and D-Glucuronic acid.	Suspending agent, emulsifying agent	
2	GUAR GUM	Guar flour,jaguar gum	Guar gum is the powder of the endosperm of seeds of <i>Cyamopsis tetragonolo- bus</i> linn. Family-Leguminosae	hydro-colloidal poly- sacchride	used as a protective colloid,a binding and disintegrating agent, bulk laxative,paper manufacturing	
3	HONEY	Madhu,Honey purified,mel	Sugar secretion deposits in honey comb by the bees, <i>Apis mellifica</i> Family-Hymenoptera	Maltose,gum,dextrin and formic acid.gluco- se,fructose	Demulcent and swee- tening agent,prepara- tion of cream,lotions, soft drink and candies	
4	STARCH	Amylum	Polysaccharide granules obtained from the grains of maize (<i>zeamays</i> linn) rice (<i>Oryza sativa</i> linn); or wheat (<i>triticum aestivum</i>) Family-Gramineae tubers of potato (<i>solanum tuberosum</i>) Family-Solanaceae	Amylose (B-amylose) amylopectin.	used as a protective and absorbent,used in preparation of dusting talcum powder,manu- facture of liquid glucose	

Sr.No.	Drugs	Synonyme	B.S./Family	C.C.	Uses	C.T.
5	TRAGACANTH	Gum tragacanth; Tragacantha	Dried gummy exudation obtained by making incision on stem and branches of <i>Astragalus gummifer</i> Family-Leguminosae	Bassorin, tragacanthic acid, galacturonic acid	used as a demulant and an emollient in cosmetics.	
6	AGAR	Agar-agar, Japanese-Isinglass	Dried gelatinous substance obtained from <i>Gelidium amansii</i> Family-Rhodophyceae	agarose and agarpectin	used as an emulsifying agent and bulk laxative, preparation of jellies, confectionery items	
7	ARACHIS OIL	Ground-nut oil, peanut oil, sweet oil	Fixed oil expressed from the seed kernels of the cultivated varieties of <i>Arachis hypogea</i> linn Family-Leguminosae	Oleic acid, palmitic acid, linoleic acid	Solvent for intramuscular, resembles to olive oil, preparation of liniments	
8	OLIVE OIL	Oleum olivae	Fixed oil expressed from the ripe fruit of <i>Olea europaea</i> linne Family-Oleaceae	triglycerides mainly in the form of olein, palmitin and linolein	emollient and soothing agent for inflamed surfaces, used as an ingredient of ear wax.	
9	HYDROUS WOOL FAT (LANOLIN)	Lanolin, Adeps lanae	purified fat-like substance obtained from the wool of the sheep <i>Ovis aries</i> linn Family-Bovidae	carnaubic, oleic, myristic, palmitic	used as water absorbable ointment base.	
10	YELLOW BEESWAX	Beeswax; cera-flava	purified wax and obtained from honey-comb of the bees <i>Apis dorsata</i> . Family-Apidae	cerotic acid, melissic acid	preparation of ointments, plasters and polishes, manufacture of candles	

Sr.No.	Drugs	Synonyme	B.S./Family	C.C.	Uses	C.T.
11	PECTIN		purified carbohydrate product obtained by acid hydrolysis from inner portion of the rind of citrus peels <i>citrus limonis</i> or <i>citrus aurantium</i> Family-Rutaceae	D-galacturonic acid, methyl alcohol	used as an adsorbent in the treatment of diarrhoea and as a haemorrhage	
12	GELATIN			non-essential amino acid	valuable dietary supplement.	
13	SODIUM ALGINATE	Algin,sodium polymannuronate	Family-Phaeophyceae	D-monopyranosyluronic acid linked with L-glucofuranosyluronic acid	preparation of paste, creams and for thickening and stability emulsions.	
14	KAOLIN	China clay,kaolinum proderesum, porcelain clay			treatment of enteritis, dysentery and food poisoning,used as a dusting powder.used in pharmaceutical preparation	

SURGICAL FIBRES

(A) **Plant fibres**-Jute,flax,banana,cotton,hemp

(B) **Animal fibres**-Silk,wool

[C] **Regenerated and synthetic fibres:-**

(1) Fibres regenerated from carbohydrate materials-
Alginate yarn,artificial silk or rayon or regenerated cellulose

(2) Fibres regenerated from protein materials-
Aridil from groundnut protein and fibrolin from milk casein

(3) Synthetic-Nylon,terylene,orlon

(D) **Mineral fibres**-Glass,asbestos

[A] PLANT FIBRES

Sr.No.	Drugs	Synonyme	B.S./Family	C.C.	Uses	C.T.
1	COTTON	Cotton wool, purified cotton, Absorbent cotton, Surgical cotton	Epidermal trichomes or hairs of the seed cultivated species of the <i>Gossypium</i> (<i>Gossypium herbaceum</i> , <i>Gossypium barbadense</i>) Family-Malvaceae	Cellulose	used as a filtering medium and in surgical dressing.used as an insulating material	

Sr.No.	Drugs	Synonyme	B.S./Family	C.C.	Uses	C.T.
2	JUTE	Gunny	phloem fibres of the stem bark of various species of the <i>Corchorus</i> (<i>Corchorus olitorius</i> and <i>Corchorus capsularis</i> linn) Family-Tiliaceae	Cellulose,hemicellulose,lignin	manufacture of tows, padding splints, preparation of coarse bags	
3	HEMP		Pericyclic fibres of the plant known as <i>Cannabis sativa</i> Family-Cannabinaceae	cellulose,	Pharmaceutically for coarse filtration and is less important	
4	FLAX		Pericyclic fibres obtained from the stem of the plant <i>Linum usitatissimum</i> Family-Linaceae	pecto-cellulose	used in the manufacture of lint,preparation of rugs	

[B] ANIMAL FIBRES

Sr.No.	Drugs	Synonyme	B.S./Family	C.C.	Uses	C.T.
1	SILK		Fibres obtained from the cocoons of <i>bombyx mori</i> Family-Bombycidae	amino-acids glycine and alanine	Special types of sutures,sieves and ligatures are prepared from the silk	
2	WOOL		Wool fibres are obtained from the fleece of sheep <i>Ovis aries</i> Family-Bovidae	keratin,keratin is rich in amino-acid cystine	used as filtering and straining medium and in the manufacture of dressings like domette	

[C] REGENERATE AND SYNTHETIC FIBRES

Sr.No.	Drugs	Synonyme	B.S./Family	C.C.	Uses	C.T.
1	RAYON	Regenerated cellulose,viscose rayon			used for making fabrics,preparation of surgical dressing and viscose rayon absorbent wool	