



BRAINWARE UNIVERSITY

Term End Examination 2021 - 22
Programme – Bachelor of Pharmacy
Course Name – Herbal Drug Technology
Course Code - BP603T
(Semester VI)

Time allotted : 1 Hrs.30 Min.

Full Marks : 75

[The figure in the margin indicates full marks.]

Group-A

(Multiple Choice Type Question)

1 x 75=75

Choose the correct alternative from the following :

- (1) _____ are obtained from plant raw materials by steam distillation, dry distillation or a suitable mechanical process without heating:

a) Expressed juices	b) Essential oils
c) Fluid extracts	d) Tinctures
- (2) Chemical constituent obtained from eucalyptus is ____ :

a) Cineole	b) Glycerides of oleic acid
c) Eugenol	d) Menthone
- (3) _____ process is carried out before the crude drugs are marketed:

a) Dressing/garbling	b) Packaging
c) Harvesting	d) Drying
- (4) The biological water humour corresponding to the element of liquid is called _____ :

a) Vata	b) Pitta
c) Kapha	d) None of these
- (5) In _____ preparation of Ayurvedic dosage form, the drug is made into a pulp and wrapped inside the leaves of jambolana or Palasha:

a) Decoction	b) Hot extraction
c) Milk decoction	d) Infusion
- (6) _____ consists of tubers of Ipomoea purge:

a) Jalap	b) Podophyllum
c) Male fern	d) Ginger
- (7) _____ of Siddha science contains drugs from vegetable, mineral, metal and marine sources:

a) Charaka Samhita	b) Asthang Hridaya
c) Materia medica	d) None of the above

- (8) The botanical name of Amla is _____:
- a) Emblica officinalis
b) Aegle marmelos
c) Terminalia chebula
d) Prunus amygdalus
- (9) Arachis oil contains _____:
- a) Linoleic acid
b) Ricinoleic acid
c) Cineole
d) Caryophyllene
- (10) Pentosan is present in _____:
- a) Black catechu
b) Isapgol
c) Arjuna
d) Ginger
- (11) Which one is odd?
- a) Vatika
b) Modaka
c) Asava
d) Netranjan
- (12) The meaning of Kanjika is _____:
- a) Medicated oils
b) Decoctions
c) Wines
d) Vinegars
- (13) Salakya chikitsa stands for _____:
- a) Surgery
b) General medicine
c) Paediatric treatment
d) ENT treatment
- (14) Saffron is obtained from _____:
- a) Anethum sowa
b) Withania somnifera
c) Crocus sativus
d) Saraca indica
- (15) Vata stands for _____:
- a) Energy and liquid
b) Space and air
c) Liquid and solid
d) None of these
- (16) In Siddha system of medicine, blood is known as _____:
- a) Rasa
b) Tasai
c) Elambu
d) Kurudhi
- (17) _____ system of medicine is based on 'Likes are cured by likes':
- a) Ayurveda
b) Unani
c) Siddha
d) Homeopathy
- (18) Which one of the following is used to treat gout and epidermal cancer?
- a) Senna
b) Asoka
c) Cannabis
d) Colchicum
- (19) Isoflavones, ethyl esters of omega-3-fatty acids, dietary fibres are helpful in the treatment of _____:
- a) Cardiovascular disorders
b) Diabetes
c) Obesity
d) Cancer
- (20) _____ acts as a potent antioxidant and free radical scavenger:
- a) Curcumin
b) Flavonoids
c) Green tea
d) Coenzyme Q10
- (21) What is the significance of bacteria used in nutraceuticals?
- a) Improves gut flora
b) Improves dental health
c) Prevention of cancer
d) Prevention of CVD

- a) Panax notoginseng
c) Panax ginseng
- b) Panax japonica
d) None of these
- (37) Spirulina platensis is belonging to family of _____:
- a) Euphorbiaceae
c) Apidae
- b) Oscillatoriaceae
d) Liliaceae
- (38) _____ increases the bioavailability of Phenytoin:
- a) Ephedra sinica
c) Allium sativum
- b) Piper nigrum
d) Panax ginseng
- (39) _____ is used as antihypertensive:
- a) Reserpine
c) Strychnine
- b) Piperidine
d) Ephedrine
- (40) N-feruloylserotonin is the chemical constituent of _____:
- a) Aloe vera
c) Liquorice
- b) Long pepper
d) Safflower
- (41) _____ are used only as disposable tooth brushes:
- a) Babul-bark
c) Neem-twigs
- b) Clove-flower buds
d) Vajradanti-entire herb
- (42) Active ingredient of self-nano emulsifying zedoary essential oil is _____:
- a) Turmeric oil
c) Silybin
- b) Docetaxel
d) Quercetin
- (43) Biological source of liquorice is _____:
- a) Stevia rebaudiana
c) Glycyrrhiza glabra
- b) Citrus aurantium
d) Thaumatooccus danielli
- (44) Which material is used to impart colour to an herbal cosmetic?
- a) Saffron
c) Lavender
- b) Hydroquinones
d) Ascorbic acid
- (45) Olea europea is the biological source of _____:
- a) Castor oil
c) Almond oil
- b) Arachis oil
d) Olive oil
- (46) Which herb is useful in hair nourishment?
- a) Shikakai
c) Mustard
- b) Arnica
d) Ritha
- (47) In toothpaste preparation, _____ is used as a humectant:
- a) Sodium lauryl sulphate
c) Sorbitol 70
- b) Calcium pyrophosphate
d) Carboxy methyl cellulose
- (48) Lawsone is present in _____:
- a) Liquorice
c) Stevia
- b) Turmeric
d) Henna
- (49) Boiled tragacanth solution produces _____ colour when treated with 10% FeCl₃ solution:
- a) Deep yellow
c) Blue
- b) Olive green
d) Pink
- (50) Annatto is obtained from _____:
- a) Lawsonia inermis
- b) Bixa orellana

- c) *Xanthomonas campestris* d) *Cymopsis tetragonolobus*
- (51) _____ is the active ingredient of Capsaicin transferosomes:
a) Silybin b) Quercetin
c) Docetaxel d) Capsaicin
- (52) _____ is used as Hepatoprotective:
a) Matrine b) Colchicine
c) Taxel d) Silybin
- (53) _____ is an example of Ethosomes:
a) Quercetin liposome b) Artemisinin nanocapsule
c) Colchicine transferosome d) Matrimeethosome
- (54) Green tea phytoosome contains _____ as an active ingredient:
a) Ginsenoside b) Quercetin
c) Epigallocatechin d) Flavonoids
- (55) _____ refers to anaesthetic or ornamental aspect of a product which makes it attractive and appealing, thereby increasing its commercial value:
a) Trade marks b) Trade secrets
c) Industrial designs d) Copy rights
- (56) These are granted for novel, original and ornamental designs of useful objects:
a) Utility patents b) Design patents
c) Plant patents d) All of the above
- (57) One of the following sections of PPV & FR Act empowers the farmers to save some seeds from their crops:
a) Section 39 (1) (i) b) Section 39 (1) (iii)
c) Section 44 d) Section 39 (1) (iv)
- (58) Prohibition of Manufacture and sale of certain ASU drug is ____:
a) Section 33EEB b) Section 33EEC
c) Section 33EED d) Section 33-I
- (59) Toxicological studies come under which assessment of herbal medicines?
a) Assessment of quality b) Assessment of safety
c) Assessment of efficacy d) All of the above
- (60) Fifth ICDRA was held in ____:
a) 1985 b) 1989
c) 2005 d) 1995
- (61) The head quarter of WIPO is in ____:
a) Geneva b) Zurich
c) Lugano d) Basel
- (62) Neem tree is known as ____:
a) *Azadirachta indica* b) *Vinca rosea*
c) *Ocimum sanctum* d) *Rauwolfia serpentina*
- (63) In Australia, herbal products are regulated by the ____:
a) Food and Drug Administration b) Environmental Protecting Agency
c) Therapeutic Goods Administration d) None of these
- (64) _____ refers to any word(s), letter(s), numeral(s), symbol(s), drawing(s), picture(s), device(s), shape(s), colour(s), label(s) etc.:

- a) Industrial Designs
c) Trade Marks
- b) Trade Secrets
d) All of the above
- (65) Drugs and Cosmetic Act was passed in _____:
- a) 1935
c) 1930
- b) 1945
d) 1940
- (66) Botanical name of Turmeric is _____:
- a) Zingiber officinale
c) Curcuma longa
- b) Elettaria cardamomum
d) None of these
- (67) Which one of the following is non-medicated syrup?
- a) Cinnamon syrup
c) Elderberry syrup
- b) Astragalus syrup
d) Cherry syrup
- (68) Saffron is isolated from _____:
- a) Ocimum sanctum
c) Convolvulus pluricaulis
- b) Crocus sativus
d) Hypericum perforatum
- (69) What are the active constituents of ginger?
- a) Resin, volatile oil
c) Curcuminoids, curcumin
- b) Emetine, cephaline
d) Morphine, codeine
- (70) Throughout India, turmeric and chillies of export quality are sourced from _____:
- a) Kerala
c) Telengana
- b) Tamil Nadu
d) Andhra Pradesh
- (71) _____ is used to treat malaria:
- a) Ajmalicine
c) Colchicine
- b) Artemisinin
d) Ephedrine
- (72) _____ is used as rodenticide:
- a) Tannic acid
c) Quinine
- b) Sennosides
d) Strychnine
- (73) Acorus calamus contains _____ and _____ as active constituent:
- a) Reserpine, resinamine
c) Asaraldehyde, volatile oil
- b) Emetine, cephaline
d) Resin, volatile oil
- (74) Bharathiar University, Coimbatore, Tamil Nadu is involved in _____:
- a) Cashew research
c) Sheep and wool research
- b) Pest management
d) Plant genetic engineering
- (75) _____ number of formulations are present in Siddha system of medicine:
- a) 80,200
c) 85,500
- b) 13,470
d) 12,780