

PROVISIONAL ANSWER KEY

Question 31/2025/OL

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Question1:-According to Charakacharyas Dravya Nirvachana which of these definition is suitable ?

A:-Dravyameva rasadeenam sreshtam thehi thadasraya

B:-Dravya is Rasaguna veeryavipaka karmanyanayo moolam

C:-Khadeenathma mana kalo disascha drayasamhaha

D:-Bhavanthi nithyam sathanubhavanthi bhoothani

Correct Answer:- Option-C

Question2:-Medically potential part of raw drug can be used for preparation of formulations.

Which of the dravya pradhanya yukthi is matching for the statement ?

A:-Tharathamayoga anupalabdhi

B:-Kramapekshithathwam

C:-Asrayathwam

D:-Ekadesa Sadhyathwam

Correct Answer:- Option-D

Question3:-The drug which is included both in Madhuraskanda and Kashayaskanda ?

A:-Guda

B:-Saindhava

C:-Sitha

D:-Madhu

Correct Answer:- Option-D

Question4:-According to Susrutha rasa of Apya dravya is

A:-Eashathkashayalavanam

B:-Madhura

C:-Kashayathiktham

D:-Thiktham

Correct Answer:- Option-A

Question5:-Charakacharya narrated two groups of drugs as ushna veerya and sheetha veerya for what purpose ?

A:-Making Jwarahara kashaya

B:-For vasthi

C:-For nasya in various conditions

D:-For making thaila and application in various jawra conditions

Correct Answer:- Option-D

Question6:-As a Snehadravaya which guna of khrita (ghee) is responsible for it's Deepana property ?

A:-Sookshma

B:-Mridu

C:-Guru

D:-Seetham

Correct Answer:- Option-A

Question7:-The rasa which has got an action as schedana and bheda

A:-Madhura

B:-Thiktha

C:-Kashaya

D:-Lavana

Correct Answer:- Option-D

Question8:-Bala is included in which Skanda ?

A:-Madhura

B:-Thiktha

C:-Kashaya

D:-Amla

Correct Answer:- Option-A

Question9:-'Asavarishtas' are given in Vatharoga because

A:-They are Sreshta amla dravyas

B:-They are Katu dravyas

C:-To make patient unconscious

D:-They are 'Ruchya'

Correct Answer:- Option-A

Question10:-Which of these ganas act in Yoni sthanyamaya ?

A:-Musthadi

B:-Edadi

C:-Syamadi

D:-Priyanguambashtadi

Correct Answer:- Option-A

Question11:-Which one of the statement about Amritha is true ?

A:-It will do sodhana of increased dosha for keeping equilibrium of dosha

B:-It will increase one or two dosha to keep equilibrium of dosha

C:-It will increase all doshas

D:-It will keep the equilibrium of three doshas without sodhana

Correct Answer:- Option-D

Question12:-Which one of these drug cause 'sodhana' of accumulated mala sanchaya in both direction ?

A:-Hareethaki

B:-Amalaki

C:-Devathaliphala

D:-Thikthapadolam

Correct Answer:- Option-C

Question13:-Which of the following statement is true ?

A:-Lekhana dravya scrub out only increased dosha

B:-Lekhana dravya scrub out only increased mala

C:-Lekhana dravya will cause vomiting

D:-Lekhana dravya will act on dhathus and malas

Correct Answer:- Option-D

Question14:-Which one of these drugs spread out first in the body and then it will get 'paka' ?

A:-Kodrava

B:-Kramukha

C:-Ahiphenam

D:-Nakuli

Correct Answer:- Option-C

Question15:-Which one of these drugs is useful in Poorvakarma of Panchakarma ?

A:-Pramathi dravya

B:-Sookshmam dravya

C:-Sthambana dravya

D:-Abhishyandi dravya

Correct Answer:- Option-D

Question16:-Which drug in these drugs is known as Gokarni ?

A:-Thalamooli

B:-Chithrakam

C:-Punarnava

D:-Sankhapushpi

Correct Answer:- Option-D

Question17:-Which of these fruits is not used as a standard of weight measurement ?

A:-Udumbara

B:-Aksha

C:-Thindukam

D:-Kooshmanda

Correct Answer:- Option-D

Question18:-In these impurities which one is considered as Visha ?

A:-Sahaja ashudhi (Natural impurities)

B:-Bhauthika ashudhi (Physical impurities)

C:-Rasayanika ashudhi (Chemical impurities)

D:-Jaiva ashudhi (Biological impurities)

Correct Answer:- Option-A

Question19:-For decolourisation of 'Guda' and making 'Sita', which one of the following is used for decolourisation ?

A:-Calcium carbonate

B:-Carbon

C:-Potassium chloride

D:-Sodium chloride

Correct Answer:- Option-B

Question20:-Which one of these yoga names denote the phalasaruthi (effect) of that yoga ?

A:-Brahmi kritham

B:-Viluadi gulika

C:-Prapanchana vimardhanam

D:-Suvana vangham

Correct Answer:- Option-C

Question21:-Which of the following statements is not correct ?

A:-Cinnamon available in long flexible sticks about 1 metre in length

B:-The principal constituent of cinnamon bark is volatile oil

C:-The cassia cinnamon is more useful because it contains more cinnamomic aldehyde

D:-Cassia cinnamon bark is thicker than cinnamomum zeylanicum

Correct Answer:- Option-C

Question22:-The useful part of saffron is

A:-Dried stigmas and the top of the style of the saffron

B:-Stigma of the saffron

C:-Style of the saffron

D:-Flower of the saffron

Correct Answer:- Option-A

Question23:-What is the Anthophylli of cloves ?

A:-Ripe fruits of clove which are ovoid brown berries

B:-Stem bark of clove

C:-Flowers of the clove

D:-Stalks of the clove

Correct Answer:- Option-A

Question24:-Which of the following statement is true ?

A:-Ginger varieties from India and Africa are more pungent and less pleasantly aromatic in taste

B:-The most highly valued ginger comes from South Africa

C:-Ginger from India is very pleasant and less pungent

D:-The most highly valued ginger comes from India

Correct Answer:- Option-A

Question25:-The fatal dose of Ricin from castor seed

A:-2 mg

B:-1 mg

C:-5 mg

D:-7 mg

Correct Answer:- Option-D

Question26:-Which of the statement about C4 plant is not correct ?

A:-Usually grow in semi arid region in high light intensity

B:-Posses an addition carbon fixation system less effective in terms of energy utilisation

carbon assimilation of these plants based on modified leaf anatomy and biochemistry

C:-Carbon assimilation of these plants based on modified leaf anatomy and biochemistry

D:-C4 plants are efficient in energy utilisation

Correct Answer:- Option-D

Question27:-Which of the following statement is not matching with Vathsanabhi ?

A:-Vathsanabhi is yogavahi

B:-Vathsanabhi is Tridosaharam

C:-It is agneya vatha kaphaharam

D:-Medicine containing Vathsanabhi can be taken without Doshadooshya Pareeksha

Correct Answer:- Option-D

Question28:-Athivisha is a specific medicine for 'Balaroga'. We can get reference of this statement from which book ?

A:-Ashtangahridayam

B:-Charakam

C:-Dhanwanthari Nighantu

D:-Bhavaprakasam

Correct Answer:- Option-C

Question29:-Which one of these plants is not included in Bala Panchaka ?

A:-Naga Bala

B:-Athi Bala

C:-Bhoomi Bala

D:-Raja Bala

Correct Answer:- Option-C

Question30:-What is raw opium ?

A:-The latex obtained by incision from the unripe capsule of papaver somniferum and dried partly from spontaneous evaporation and partly from artificial heat

B:-Fresh latex of papaver somniferum

C:-Artificially dried latex of papaver somniferum

D:-Extract of the whole plant papaver somniferum

Correct Answer:- Option-A

Question31:-The main use of 'Thuvarakathaila' is in

A:-Vathasonitha

B:-Apsmara

C:-Unmada

D:-Kushta

Correct Answer:- Option-D

Question32:-Chargeri is an important medicine for which disease ?

A:-Jwara

B:-Vatharoga

C:-Vathasonitha

D:-Grahani

Correct Answer:- Option-D

Question33:-Which of the following statement is correct ?

A:-Asafoetida contains no free umbelliferone

B:-Asafoetida contains free umbelliferone

C:-The oleo gum resin is taken from branches of the plant

D:-The oleo gum resin is taken from the tender leaves of the plant

Correct Answer:- Option-A

Question34:-Which one is variety of Gulgulu ?

A:-Gavakshi

B:-Matsyakshi

C:-Lavaksha

D:-Mahishaksha

Correct Answer:- Option-D

Question35:-Which part of Ikshuraka is used as vajeekarana drug ?

A:-Root

B:-Fruit

C:-Leaves

D:-Seeds

Correct Answer:- Option-D

Question36:-Which part of the drug is used as Karkadasringi ?

A:-Fruit

B:-Gall

C:-Leaf

D:-Stem

Correct Answer:- Option-B

Question37:-'Paravathpadhi' is the synonym of which plant ?

A:-Chargeri

B:-Vilva

C:-Jyothishmathi

D:-Punnaga

Correct Answer:- Option-C

Question38:-Amritha Bhallathaka a powerful restorative described in which text book ?

A:-Ashtangahridhaya

B:-Chakradhatham

C:-Susrutha samhitha

D:-Charaka samhitha

Correct Answer:- Option-B

Question39:-'Moolakaparni' is the paryaya of which plant ?

A:-Garjara

B:-Dhanyaka

C:-Amleeka

D:-Shigru

Correct Answer:- Option-D

Question40:-Useful part of Palasa

A:-Stem bark and seeds

B:-Gum and stem bark

C:-Stem bark, seed, gum, leaves, flower

D:-Gum, seed

Correct Answer:- Option-C

Question41:-Which is the drug that is included in the maximum number of Mahakashaya ganas of Charaka Samhitha ?

A:-Madhuyashti

B:-Vibhithaki

C:-Hareethaki

D:-Shunti

Correct Answer:- Option-A

Question42:-The drug which has got a synonym as Vidari gandha

A:-Saliparni

B:-Mudgaparni

C:-Mashaparni

D:-Ksheeravidari

Correct Answer:- Option-A

Question43:-Prishniparni is not included in this gana of Mahakashaya

A:-Angamardha prashamanam

B:-Sandhaneeya

C:-Shothahara

D:-Krimikhna

Correct Answer:- Option-D

Question44:-'Chayapriya' is the synonym of which plant ?

A:-Karanjha

B:-Amalaki

C:-Hareethaki

D:-Vibheethaki

Correct Answer:- Option-A

Question45:-Mixture of alkaloid extracted from Datura Stramonium

A:-Hyoscyamine

B:-Atropine

C:-Daturine

D:-Stramonin

Correct Answer:- Option-C

Question46:-In Turmeric 'curcumin' is a crystalline yellow substance secreted by

A:-Normal cells

B:-Lactiferous duct

C:-Injured cells

D:-Particular secreting cells

Correct Answer:- Option-D

Question47:-Nutmeg (*myristica fragrans*) is indigenous to

A:-India

B:-Srilanka and Maldives

C:-Brazil

D:-Molucca Islands and North West New Guinea

Correct Answer:- Option-D

Question48:-Which of these drugs used specifically for Gandamala ?

A:-Maricha

B:-Pippali

C:-Padola

D:-Kanchanara

Correct Answer:- Option-D

Question49:-Which part of Aragwadha is used as Sramsana ?

A:-Pushpa

B:-Phalamajja

C:-Twak

D:-Moolam

Correct Answer:- Option-B

Question50:-Which variety among seven varieties of Hareethaki act as Sukha vireechini ?

A:-Vijaya

B:-Chethaki

C:-Rohini

D:-Jeevanthi

Correct Answer:- Option-B

Question51:-Which of the following is an identifying feature of Borhavia diffusa (Punarnava) root ?

A:-Short thick root

B:-Short thin root

C:-Fibrous root

D:-Long straight screw like roots

Correct Answer:- Option-D

Question52:-What does the term 'Mahasneham' denote ?

A:-Sneha prepared using mahath pancha moola kashaya

B:-Combination of four snehas ; Sarpi, Majja, Vasa, Thailam

C:-A potent sneha from a special plant

D:-A sneha preparation containing a large number of herbal drugs

Correct Answer:- Option-B

Question53:-Which group of drug is Pithanila Samana ?

A:-Maha pancha moolam

B:-Dasamoolam

C:-Valli panchamoolam

D:-Laghu panchamoolam

Correct Answer:- Option-D

Question54:-Which one of the combination is panchagavya ?

A:-Gomoothram, Gomaya, Goksheeram, Gokhritham, Godadhi

B:-Milk of five varieties of cow

C:-Milk of wild cow

D:-Milk of cow, goat, sheep, buffalo and donkey

Correct Answer:- Option-A

Question55:-Which one of these is a Jeevaneeya oushadha ?

A:-Chithrakam

B:-Chiruvilwan

C:-Mustha

D:-Ksheerakakoli

Correct Answer:- Option-D

Question56:-Dadima is an example for

A:-Varnya oushadha

B:-Balya oushadha

C:-Hridya oushadha

D:-Kandya oushadha

Correct Answer:- Option-C

Question57:-Which drug is not included in Sthanyajanana group ?

A:-Pata

B:-Veeranam

C:-Shashtikam

D:-Ikshuvalika

Correct Answer:- Option-A

Question58:-Which one of these drug is Asthapanopaga drug ?

A:-Mustha

B:-Maricham

C:-Sarshapam

D:-Pippali

Correct Answer:- Option-D

Question59:-Moothra virajaneeya drugs act as

A:-Diuretic (produce urine)

B:-Reduce urine

C:-Reduce frequency of passing out urine

D:-Corrective of urinary pigments

Correct Answer:- Option-D

Question60:-Which one of these group is not directly related to pain relieving activity ?

A:-Soolaprasamanam

B:-Angamarda prasamanam

C:-Seetha prasamana

D:-Vedana sthapanam

Correct Answer:- Option-C

Question61:-Holarrhena antidystentrica wall bark dried is

A:-Curved inwards

B:-Straight

C:-Brittle and can be removed easily into flakes

D:-Recurved

Correct Answer:- Option-D

Question62:-Uniformity of quality of drugs is promoted by

A:-Taking the best quality by doing experiments in each sample

B:-Removing all the impurities; physical, chemical and biological from the sample

C:-It is promoted by the use of standards which are numerical quantities by which the quantity of commodities may be assessed

D:-None of the above

Correct Answer:- Option-C

Question63:-Which of these is not used in successive solvent extraction ?

A:-Petroleum ether

B:-Benzene

C:-Acetone

D:-Acetic acid

Correct Answer:- Option-D

Question64:-Deane and stark apparatus is used for

A:-Hot water extraction

B:-Detection of moisture content

C:-Detection of ash content

D:-Detection of volatile oil

Correct Answer:- Option-B

Question65:-Determination of ash value is specified for

A:-To determine quality and purity of true drug

B:-To determine the purity only

C:-To establish identity only

D:-To determine quality and purity of the true drug and establish identity

Correct Answer:- Option-D

Question66:-Swelling factor is an index for which content of the drug

A:-Saponine

B:-Bitterness

C:-Moisture content

D:-Mucilagenous content

Correct Answer:- Option-D

Question67:-Wallis Lycopodium spore method is used for determination of

- A:-Calcium oxalate crystals
- B:-Stomatal index
- C:-Foreign organic matter / purity
- D:-None of the above

Correct Answer:- Option-C

Question68:-If the drug contains grey mould, what type of fungi should be suspected ?

- A:-Mucor mucedo
- B:-Rhizopus nigricans
- C:-Pencillium glaucum
- D:-None of the above

Correct Answer:- Option-A

Question69:-The peculiarity of high performance or high pressure liquid chromatography is

- A:-It is a type of liquid chromatography where mobile liquid phase is allowed to drip through column under gravity
- B:-Solvent (mobile or liquid phase) is forced through under high pressure so as to run much faster
- C:-HPLC is faster than gas chromatography
- D:-HPLC is a slow process

Correct Answer:- Option-B

Question70:-What is the advantage of spectrophotometer than colorimeter ?

- A:-Even compound which are colourless but which absorb radiation selectively in the UV region can be measured
- B:-Only coloured compounds measured but better than colorimeter
- C:-Only colourless high molecular weight compound can be measured
- D:-None of the above

Correct Answer:- Option-A

Question71:-Enzyme immunoassay (EIA) can be assayed by

- A:-Only by colorimeter
- B:-Only by spectrophotometer
- C:-By spectrophotometer and colorimeter
- D:-None of the above

Correct Answer:- Option-C

Question72:-Which one of this is not a process of Kupeelu shudhi ?

- A:-Boil the seeds in cow's milk according to Dholayantra process. Remove outer covering and roast in ghee

B:-Keep the seeds in cow's urine for seven days. Replace the urine everyday. Thereafter remove the seeds and wash in water

C:-Fry the seeds in ghee after removing the seed covering and embryo

D:-Grind in Thambula swarasa

Correct Answer:- Option-D

Question73:-What is sodhanakarama of Hingu ?

A:-Swedana in Godugda

B:-Swedana in Triphala kashaya

C:-Mardana with Nimbapatra swarasa

D:-Bharjana with ghee

Correct Answer:- Option-D

Question74:-Sodhanakarma of Ahiphena

A:-Titrated with Ardraka swarasa seven times and dried

B:-Titrated with Nimbu swarasa seven times

C:-Titrated with Thamboola swarasa seven times

D:-None of the above

Correct Answer:- Option-A

Question75:-Substitute of Chithraka

A:-Kushta

B:-Mustha

C:-Ballathaka

D:-Danthi

Correct Answer:- Option-D

Question76:-What is the Abhava dravya of jatipushpa ?

A:-Lavanga pushpa

B:-Sathapathra pushpa

C:-Padma

D:-Kumuda

Correct Answer:- Option-A

Question77:-Which of the following statement is not correct ?

A:-Alkaloids are soluble in water

B:-Alkaloids are insoluble in water

C:-Alkaloids combine with acids to form well defined water soluble salts

D:-Alkaloids are basic substance containing cyclic nitrogen

Correct Answer:- Option-A

Question78:-In hypertensive emergencies which of these drug is used as sublingual

?

A:-Nitroglycerine

B:-Nifedipine

C:-Vasopressine

D:-Morphine

Correct Answer:- Option-B

Question79:-In trans-nasal route drug may reach the brain through which channel ?

A:-Nose is considered as the orifice of skull. It may go directly to the brain

B:-Through lymphatic channels

C:-Does not enter in brain

D:-Goes to mouth and absorbs in the gut

Correct Answer:- Option-B

Question80:-What is prodrug ?

A:-Raw materials used to make the drug

B:-Procedure for making drug

C:-Another drug to make the absorption of the drug faster

D:-It is an inactive chemical derivative that after administration undergoes biotransformation to the pharmacologically active drug

Correct Answer:- Option-D

Question81:-When the total pharmacological action of two or more drug administered is

equivalent to sum of their individual pharmacological effect is called

A:-Synergism

B:-Antagonism

C:-Competitive or reversible antagonism

D:-Additive effect

Correct Answer:- Option-D

Question82:-For plotting the dose response curve, dose is increased in

A:-Arithmetic progression

B:-Increasing dose without a pattern

C:-Geometric progression

D:-None of the above

Correct Answer:- Option-C

Question83:-In tail-clip method which type of stimulus in the animal is tested ?

A:-Physical stimulus

B:-Thermal stimulus

C:-Stimulus by chemical irritants

D:-None of the above

Correct Answer:- Option-A

Question84:-For the evaluation of anti-parkinsonic drugs for inducing parkinsonic effect

A:-Only dopamine inhibitors are used

B:-Only cholinomimetic drugs are employed

C:-Neither dopamine inhibitors nor cholinomimetic drugs are employed

D:-Both dopamine inhibitors and cholinomimetic drugs are employed

Correct Answer:- Option-D

Question85:-Which one of the sign is not recorded in the acute toxicity study ?

A:-Ataxia

B:-Sedation

C:-Muscle relaxation

D:-Jumping response

Correct Answer:- Option-D

Question86:- LD_{50} is calculated by

A:-Graphical method

B:-Arithmetic method

C:-Both Graphical method and Arithmetic method

D:-None of these

Correct Answer:- Option-C

Question87:-Which of the following statement is not correct ?

A:-Charakacharya narrated more number of drugs than Susruthacharya

B:-Susruthacharya narrated more number of drugs than Charakacharya

C:-Charakacharya's gana nirnaya is according to the action of the drug

D:-Susrutha named ganas according to the first name of the drug

Correct Answer:- Option-A

Question88:-Who wrote commentary of Susrutha known as 'Nibandha samgratha' ?

A:-Dalhana

B:-Arunadatha

C:-Indu

D:-None of the above

Correct Answer:- Option-A

Question89:-In which nighantu can we get description of 'Dweepanthara vacha' (a remedy for syphilis) ?

A:-Ashtanga nighantu

B:-Raja nighantu

C:-Dhanwanthari nighantu

D:-Bhavaprakasha nighantu

Correct Answer:- Option-D

Question90:-Mahamocha (banana fruit) was first introduced in which nighantu ?

A:-Ashtanga nighantu

B:-Bhavaprakasha nighantu

C:-Raja nighantu

D:-Kaiyyadeva nighantu

Correct Answer:- Option-B

Question91:-In which nighantu, Malayalam name of drugs are described ?

A:-Ayurvedeeya oushadhi nighantu

B:-Ashtanga nighantu

C:-Raja nighantu

D:-Bhavaprakasha nighantu

Correct Answer:- Option-A

Question92:-What does IUCN stand for ?

A:-International Union for Conservation of Nature

B:-Indian Union for Conservation of Nature

C:-Independent Union for Cultivation of Natural plants

D:-International Union for Caring Nature

Correct Answer:- Option-A

Question93:-What does CPCSEA stand for ?

A:-Committee for the Purpose of Control and Supervision of Experiments on Animals

B:-Collective for the Purpose of Control and Supervision of Experiments on Animals

C:-Consortium for the Purpose of Control and Supervision of Experiments on Animals

D:-None of the above

Correct Answer:- Option-A

Question94:-National Center for Cell Science (NCCS) is situated in which city ?

A:-Bengaluru

B:-Thiruvananthapuram

C:-Pune

D:-Kolkata

Correct Answer:- Option-C

Question95:-Which of the following statement is correct ?

A:-Pharmacovigilance is the science and activities relating to the detection,assessment, understanding and prevention of adverse effects or any other drug-related problems

B:-Pharmacovigilance deals with only reporting the adverse effect of the drug

C:-Pharmacovigilance deals with checking of only the combination and content of the drug

D:-Pharmacovigilance deals with checking if any drug not allowed are included

Correct Answer:- Option-A

Question96:-Which of the following statement is not correct ?

A:-TKDL digital library started in 2001

B:-TKDL digital library started with collaboration of CSIR and AYUSH

C:-Many of the 'Thali Ola's (Palm leaf writings) of Kerala are included in TKDL digital library

D:-TKDL digital library started in 2016 by cultural affairs department

Correct Answer:- Option-D

Question97:-Analytical standard is the standard related to

A:-Requirement of presence of minimum amount of useful constituents

B:-Density, refractive index, average mass

C:-Foreign organic matter

D:-None of the above

Correct Answer:- Option-A

Question98:-Which category is not included in Red list of IUCN ?

A:-Data Deficient (DD)

B:-Least Concern (LC)

C:-Near Threatened (NT)

D:-Seasonally Found (SF)

Correct Answer:- Option-D

Question99:-Which of this is not relating to intellectual property rights ?

A:-Patents

B:-Trademarks

C:-Copyrights

D:-Work order

Correct Answer:- Option-D

Question100:-Full form of the abbreviation CSIR

A:-Council of Scientific and Industrial Research

B:-Committee of Science and Industrial Research

C:-Council of Social and Infrastructure Research

D:-Consortium of Social and Industrial Research

Correct Answer:- Option-A