

FINAL ANSWER KEY

Question Paper Code:	108/2026/OL
Category Code:	367/2025, 641/2025, 728/2025
Exam:	Pharmacist Grade II
Date of Test	02-06-2026
Department	Health Services/Oil Palm India Ltd.

Question1:-The death rate of micro organisms in sterilization can be determined by plotting a graph between:

- A:-Survivors vs time of exposure
- B:- Survivors vs temperature of exposure
- C:-Survivors vs pH
- D:-A & B

Correct Answer:- Option-D

Question2:-In a tablet machine the function of cam track:

- A:- For guiding the movement of the punches
- B:- For holding and feeding granulation to be compressed
- C:- Define the size and shape of the tablet
- D:-For moving granulation from hopper into the dies

Correct Answer:- Option-A

Question3:-Injections containing fixed oils as vehicle can be sterilized by

- A:-Ionizing radiation
- B:-Moist heat radiation
- C:-Dry heat sterilization
- D:-None of the above

Correct Answer:- Option-C

Question4:-Slugging method is used for :

A:-Dry granulation

B:-Preliminary compression

C:-A & B

D:-None of the above

Correct Answer:- Option-C

Question5:-Avicel is a tradename for :

A:-PEG 800

B:-Lactose freeze dried

C:- Microcrystalline Cellulose

D:-Starch 1500

Correct Answer:- Option-C

Question6:-The hardness of a tablet depends on:

A:-Die-fill and compression force

B:-High concentration of lubricants

C:-A and B

D:-None of the above

Correct Answer:- Option-C

Question7:-Primogel and Explotab are used as

A:-Binders

B:-Flavours

C:-Lubricants

D:-Modified starches

Correct Answer:- Option-D

Question8:-Composition of Attapulgit include which of the following:

- A:-Aluminium Magnesium silicate
- B:-Magnesium silicate
- C:-Hydrated Magnesium Aluminium Silicate
- D:- None of the above

Correct Answer:- Option-C

Question9:-

A native colloidal hydrated silicate use to prepare suspension is:

- A:-Carbomer
- B:-Colloidal Silicone dioxide
- C:-Microcrystalline cellulose
- D:-Hectorite

Correct Answer:- Option-D

Question10:-Tydallization is done at 80°C for:

- A:-1 hour for 3 days
- B:-2 hours for a day
- C:-1 hour for 2 days
- D:-None of the above

Correct Answer:- Option-A

Question11:-The concentration of chelating agent used for the stabilization of thiomersal in polio myelitis vaccine is :

- A:-0.05% EDTA
- B:-0.001% EDTA
- C:-0.5% EDTA
- D:-0.1% EDTA

Correct Answer:- Option-A

Question12:-The importance of **pH value** of injection is **due to** following:

A:-Increases the decomposition of the medicament

B:-Detects isotonicity

C:-Minimizes pain and irritation on injection

D:- All of the above

Correct Answer:- Option-C

Question13:-Which of the following as diluent undergo Maillard reaction :

A:-Lactose USP

B:-Lactose USP Unhydrous

C:- Mannitol USP

D:-Dextrose

Correct Answer:- Option-A

Question14:-Capsule number 3 has which of the following capacity in milligram:

A:-150

B:-200

C:-250

D:-100

Correct Answer:- Option-B

Question15:-Select the acrylate polymer from the following :

A:-Ethyl Cellulose

B:-Polyethylene Glycols

C:-Sodium Carboxy Methyl Cellulose

D:-Eudragit

Correct Answer:- Option-D

Question16:-Which of the following process is not used for filling soft gelatin capsules ?

A:-Accogel process

B:-Rotary die process

C:-Plate Process

D:-Reciprocating die process

Correct Answer:- Option-A

Question17:-Irreversible instability of emulsion is known as :

A:-Creaming

B:-Phase inversion

C:-Sedimentation

D:-Coalescence

Correct Answer:- Option-D

Question18:-Ophthalmic products should have pH in the range of :

A:-6.2 – 6.8

B:-7.2 – 8.0

C:-8.4 – 9.0

D:-9.2 – 9.8

Correct Answer:- Option-B

Question19:-Name the emulsifying agent used in vitamin K1 injection :

A:-Polysorbates

B:-Soyabean Phosphatide

C:-Lecithin

D:-Gelatin

Correct Answer:- Option-C

Question20:-Inadequate spreading of coating solution before drying causes

A:-Blistering

B:-Orange Peel Effects

C:-Hazing

D:-Bridging

Correct Answer:- Option-B

Question21:-Papain act as

A:-Anti inflammatory

B:-Antiseptic

C:-Diuretic

D:-Anti hypertensive

Correct Answer:- Option-A

Question22:-Which among the following tests is used to identify Aloe ?

A:-Mayer's test

B:-Modified Borntrager's test

C:-Legal's test

D:-Combined umbelliferone test

Correct Answer:- Option-B

Question23:-Dover's power contain

A:-Nuxvomica

B:-Morphine

C:-Cinnamon

D:-Belladonna

Correct Answer:- Option-B

Question24:-Which among the following drugs contain euginol as active ingredient ?

A:-Opium

B:-Coriander

C:-Gokhru

D:-Clove

Correct Answer:- Option-D

Question25:-Which among the following drugs is used to treat congestive heart failure ?

A:-Vinca

B:-Digitalis

C:-Rauwolfia

D:-Datura

Correct Answer:- Option-B

Question26:-Vinca belongs to the family

A:-Apocynaceae

B:-Umbelliferrae

C:-Leguminosae

D:-Acantaceae

Correct Answer:- Option-A

Question27:-Narcotic effect of Nutmeg is due to

A:-Saffrole

B:-Geraniol

C:-Myristicine

D:-Elimicin

Correct Answer:- Option-C

Question28:-Ephedra is used as

A:-Laxative

B:-Mydriatic

C:-Anti cancer

D:-Diuretic

Correct Answer:- Option-B

Question29:-Shark liver oil contains

A:-Vitamin A

B:-Vitamin B

C:-Vitamin D

D:-Vitamin C

Correct Answer:- Option-A

Question30:-Which among the following drugs is used to treat migraine ?

A:-Colchicum

B:-Ipecac

C:-Tulsi

D:-Ergot

Correct Answer:- Option-D

Question31:-Which one is the correct composition of Ammoniated mercury ?

A:-Hg (NH₂) Cl

B:-Hg (NH₃) Cl

C:-Hg (NH₄) Cl

D:-Hg (NH₄) Br

Correct Answer:- Option-A

Question32:-Assay of Boric acid I.p is carried out by

A:-Complexometric titration

B:-Alkalimetry

C:-Acidimetry

D:-Non-aqueous titrimetry

Correct Answer:- Option-B

Question33:-The only official solution of iodine that contains no alcohol

A:-Lugol's solution

B:-Weak iodine solution

C:-Iodine tincture

D:-None of these

Correct Answer:- Option-A

Question34:-

Which of the following statements are correct about Hydrogen peroxide

i) Colourless gas at room temperature.

ii) Powerful oxidising and weak reducing agent.

iii) Its stability is increased by making it slightly acid and addition of small quantities of preservatives.

A:-Only (i and ii)

B:-Only (ii and iii)

C:-Only (i and iii)

D:-All of the above (i, ii and iii)

Correct Answer:- Option-B

Question35:-Chlorinated lime is popularly known as

A:-Quick lime

B:-Slaked lime

C:-Bleaching powder

D:-Lime water

Correct Answer:- Option-C

Question36:-Iodine is mostly obtained from

A:-Seaweeds

B:-Chile salt-petre mother liquors

C:-Various brines

D:-All of these

Correct Answer:- Option-D

Question37:-All are expectorants and emetics except

A:-Ammonium Chloride

B:-Potassium iodide

C:-Borax

D:-Antimony potassium tartrate

Correct Answer:- Option-C

Question38:-Sodium hydroxide pellets should be kept in well closed bottles because it is

A:-Highly deliquescent

B:-Absorbs carbon dioxide from the air

C:-Converted to its molten state when exposed to air

D:-All of the above

Correct Answer:- Option-D

Question39:-

Which statements are correct about ferrous sulphate B.P.

i) Pale green in colour

ii) Effloresces in dry air

iii) Undergoes slow oxidation on exposure to moist air

A:-Only (i and ii)

B:-Only (ii and iii)

C:-Only (i and iii)

D:- All of the above (i, ii and iii)

Correct Answer:- Option-D

Question40:-Which of the following compound is slowly decomposed in light and turning black

A:-Calcium gluconate

B:- Boric acid

C:-Silver nitrate

D:-Sodium nitrite

Correct Answer:- Option-C

Question41:-The antitubercular activity of which one of the following drugs is stereospecific

A:-Para-aminosalicylic acid

B:-Ethambutol

C:-Isoniazid

D:-Pyrazinamide

Correct Answer:- Option-B

Question42:-Which one of the following antiseptics belongs to cationic surfactants

A:-Formaldehyde solution

B:-Phenol

C:- Chloroxylenol

D:-Benzalkonium chloride

Correct Answer:- Option-D

Question43:-_____ is the only 8-aminoquinoline currently in use for the treatment of Malaria

A:-Chloroquine

B:-Primaquine

C:-Quinine

D:-Amodiaquine

Correct Answer:- Option-B

Question44:-Co-trimoxazole is a fixed dose combination of _____

A:-Sulfamethoxazole and pyrimethamine

B:-Sulfamethoxazole and Dapsone

C:-Sulfamethoxazole and Trimethoprim

D:-Sulfadimethoxine and Trimethoprim

Correct Answer:- Option-C

Question45:-

Which of the following statements are correct about tetracycline

i) Amphoteric in nature.

ii) Forms stable chelate complexes with calcium, magnesium and Iron.

iii) Exhibits bacteriostatic effect via the inhibition of protein synthesis.

A:-Only (i and ii)

B:-Only (ii and iii)

C:-Only (i and iii)

D:-All of the above (i, ii and iii)

Correct Answer:- Option-D

Question46:-

Which of the following statements are correct about Adrenaline

i) Light sensitive and easily oxidised

ii) Orally active

iii) Potent vasoconstrictor and cardiac stimulant

A:-Only (i and ii)

B:-Only (ii and iii)

C:-Only (i and iii)

D:-All of the above (i, ii, and iii)

Correct Answer:- Option-C

Question47:-Which one of the following drugs is a non-selective alpha-adrenergic receptor antagonist

A:-Terbutaline

B:-Tolazoline

C:-Propranolol

D:-Ephedrine

Correct Answer:- Option-B

Question48:-_____ is an anti-cholinergic drug used in all types of Parkinson disease

A:-Pralidoxime

B:-Phenelzine

C:-Biperiden

D:-Phenylephrine

Correct Answer:- Option-C

Question49:-Haloperidol belongs to which chemical class of antipsychotics.

A:-Phenothiazine derivative

B:-Butyrophenone derivative

C:-Thioxanthine derivative

D:-Dibenzodiazepine derivative

Correct Answer:- Option-B

Question50:-Which one of the following drugs is not an anticancer drug.

A:-Actinomycin

B:-Daunorubicin

C:-Mitomycin

D:-Hamycin

Correct Answer:- Option-D

Question51:-Which drug belongs to angiotensin receptor blocker

A:-Losartan

B:-Lisinopril

C:-Methyl dopa

D:-Atenolol

Correct Answer:- Option-A

Question52:-Name of the drug that act by inhibiting the enzyme $\text{Na}^+\text{K}^+\text{ATPase}$

A:-Glyceryl trinitrite

B:-Omeprazole

C:-Digoxin

D:-Nifedepine

Correct Answer:- Option-C

Question53:-Which drug is used to counteract hypokalemia due to the use of loop diuretics

A:-Spiranolactone

B:-Acetazolamide

C:-Metolazone

D:-Mannitol

Correct Answer:- Option-A

Question54:-Antidote used to treat acute paracetamol poisoning

A:-Naloxone

B:-Flumazenil

C:-N-Acetyl Cysteine

D:-Neostigmine

Correct Answer:- Option-C

Question55:-Febuxostat is a

A:-Uricosuric agent

B:-Proton pump inhibitor

C:-Calcium channel blocker

D:-Uric acid synthesis inhibitor

Correct Answer:- Option-D

Question56:-Mention the name of an inhaled Corticosteroid (ICS)

A:-Betamethasone

B:-Budenoside

C:-Fludrocortisone

D:-Deflazacort

Correct Answer:- Option-B

Question57:-Name one Non Nucleoside reverse transcriptase inhibitor used in antiretroviral therapy

A:-Nevirapine

B:-Raltegravir

C:-Zidovudine

D:-Ritonavir

Correct Answer:- Option-A

Question58:-Metronidazole is used in

A:-Amoebiasis

B:-Giardiasis

C:-Trichomoniasis

D:-All the above

Correct Answer:- Option-D

Question59:-Which one is the example of Antimetabolite used in cancer chemotherapy
Pharmacology

A:-Meclorethamine

B:-Paclitaxel

C:-Methotrexate

D:-Cisplatin

Correct Answer:- Option-C

Question60:-Aripiprazole is

A:-Centrally acting antihypertensive agent

B:-Selective Serotonin reuptake inhibitor

C:-Atypical antipsychotic agent

D:-Tricyclic Antidepressant

Correct Answer:- Option-C

Question61:-'Schedule B ' to the Rules under Drugs & cosmetics Act deals with

A:-Rates of fee for test and analysis by the Government analysts

B:-Lit period of drug

C:-Standard of cosmetics

D:-List of prescription drugs

Correct Answer:- Option-A

Question62:-The Ex-Officio member of Pharmacy Council of India is

A:-A Teacher in Pharmacology

B:-The Drugs Controller of India

C:-A representative of UGC

D:-A representative of AICTE

Correct Answer:- Option-B

Question63:-When the drug is not labeled in the prescribed manner, then it is deemed to be

A:-Adulterated Drug

B:-Spurious Drug

C:-Misbranded Drug

D:-None of the above

Correct Answer:- Option-C

Question64:-The form in which the Drugs Inspector give intimation to person from whom the drug sample is taken for the purpose of test or analysis is

A:-Form-17

B:-Form-20 d

C:-Form-25 c

D:-Form-32

Correct Answer:- Option-A

Question65:-The Schedule for the standards for cosmetics is:

A:-Schedule-P

B:-Schedule-S

C:-Schedule-B

D:-Schedule-C

Correct Answer:- Option-B

Question66:-Digitalis and its preparations belongs to

A:-schedule G

B:-schedule C1

C:-schedule P

D:-schedule J

Correct Answer:- Option-B

Question67:-The Drugs & Magic Remedies Acts and Rules came in force in the year

A:-1955

B:-1975

C:-1945

D:-1965

Correct Answer:- Option-A

Question68:-The crude resin obtained from the Hemp plant is

A:-Ganja

B:-Bhang

C:-Charas

D:-Codeine

Correct Answer:- Option-C

Question69:-List of ayurvedic poison is related to schedule ?

A:-Schedule-D

B:-Schedule-F

C:-Schedule-E1

D:-Schedule-G

Correct Answer:- Option-C

Question70:-Pharmacy Council of India is reconstituted every _____

A:-3 years

B:-5 years

C:-2 years

D:-6 years

Correct Answer:- Option-B

Question71:-Which one of the following is not an ideal place for opening a new drug store

A:-Business Locality

B:-Near hospitals

C:-Developing Areas

D:-Flow of Traffic

Correct Answer:- Option-D

Question72:-The minimum space required to open a new combined whole sale and retail drug store is as per drug and cosmetic act and rules

A:-10 square meters

B:-15 square meters

C:-20 square meters

D:-25 square meters

Correct Answer:- Option-B

Question73:-The level which is below the Buffer stock Level is called _____

A:-Re-order Level

B:-Minimum Stock Level

C:-Danger Level

D:-Safety Stock Level

Correct Answer:- Option-C

Question74:-Bin card is maintained by _____

A:-Accountant

B:-Storekeeper

C:-Both A & B

D:-Branch Manager

Correct Answer:- Option-B

Question75:-Which among the following items in ABC analysis requires loose control and high safety stocks ?

A:-A items

B:-B items

C:-Both A & B

D:-C items

Correct Answer:- Option-D

Question76:-The full form of the financial institution, IDBI is

- A:-Indian Development Bank of Industry
- B:-Industrial Development Bank of India
- C:-Indian Development Bureau of Industry
- D:-None of the above

Correct Answer:- Option-B

Question77:-Which one the following is a short term finance ?

- A:-Issue of debentures
- B:-Ploughing back of finance
- C:-Trade credit
- D:- Public deposits

Correct Answer:- Option-C

Question78:-In the window display of advertising, the colours have attention value in the following order:

- A:-Yellow >Red> Blue >Green> Orange
- B:-Orange >Red>Yellow>Green>Blue
- C:-Blue >Red>Yellow>Green> Orange
- D:-Red>Orange>Yellow>Green>Blue

Correct Answer:- Option-D

Question79:-The tenders which are invited from all parts of the world is called:

- A:-Open tenders
- B:-Global tenders
- C:-Both A & B
- D:-None of the above

Correct Answer:- Option-B

Question80:-The original licence or renewal licence to sell drug on whole sale/retail basis is valid up to a period of:

A:-5 years

B:-3 years

C:-6 years

D:-None of the above

Correct Answer:- Option-A

Question81:-One of the disadvantage of floor stock system is

A:-No return of drugs to the pharmacy

B:-No review of prescription orders

C:-Ready availability of all drugs at all times

D:-Reduction in pharmacy personal

Correct Answer:- Option-B

Question82:-This is not the property of membrane filter

A:-Effective

B:-Give adequate flow rate

C:-Non-disposable

D:-Non-reactive

Correct Answer:- Option-C

Question83:-In the formulation of parenteral, Cresol 0.3% is:

A:-An Antioxidant

B:-An Antibacterial agent

C:-A buffer

D:-A Non aqueous vehicle

Correct Answer:- Option-B

Question84:-The light blockage method gives an automatic evaluation of :

A:-Ampoules

B:-Ointments

C:-Pyrogen in water for injection

D:-Particulate matter in hydraulic oils

Correct Answer:- Option-D

Question85:-Ratio of oil : water : gum for the pharmacy emulsion of cinnamon oil

A:-2:2:1

B:-4:2:1

C:-3:2:1

D:-1:2:1

Correct Answer:- Option-A

Question86:-Which of the following is not correct about hospital formulary ?

A:-Is a compilation of selected drugs which should be available in the hospital

B:-Periodical revision is not needed

C:-It permits flexibility with respect to newer drugs

D:-It contains sections on normal laboratory values

Correct Answer:- Option-B

Question87:-Member secretary responsible for preparing the agenda and minutes of PTC meeting in a hospital is:

A:-Pharmacist

B:-Physician

C:-Nurse

D:-Hospital Administrator

Correct Answer:- Option-A

Question88:-Indexing and Abstracting services of literature are:

A:-Primary sources

B:-Secondary sources

C:-Tertiary sources

D:-Product oriented references

Correct Answer:- Option-B

Question89:-Sharp instruments are sterilized by

A:-Boiling in water for at least 30 minutes

B:-Autoclaving at 120°C for 30 minutes

C:-Direct flaming after pouring spirit on it

D:-By adding chemicals such as Lysol,carbolic acid, etc.

Correct Answer:- Option-D

Question90:-In Absorbent Cotton Wool (IP) "Water soluble substances" should not be :

A:-more than 2%

B:-more than 2.5%

C:-more than 0.5%

D:-more than 5%

Correct Answer:- Option-C

Question91:-Viral cause of Hepatitis may be

A:-Leptospira

B:-Toxoplasma Gondii

C:-Herpes Simplex

D:-Wilson's Disease

Correct Answer:- Option-C

Question92:-Imbalance between supply and demand of oxygen to myocardium results in

A:-Congestive Heart Failure

B:-Myocardial Infarction

C:-Arrhythmia

D:-Atherosclerosis

Correct Answer:- Option-B

Question93:-Manifestation of Hypothyroidism

A:-Constipation

B:-Weight Loss

C:-Irritability

D:-Nervousness

Correct Answer:- Option-A

Question94:-The following is not a renal function test ?

A:-Blood Urea Nitrogen

B:-Serum Creatinine

C:-Creatinine Clearance

D:-Urine Urobilinogen

Correct Answer:- Option-D

Question95:-Drugs inhibit the metabolism of Tricyclic antidepressants

A:-MAO inhibitors

B:-Allopurinol

C:-Verapamil

D:- Metformin

Correct Answer:- Option-A

Question96:-NSAIDs interact with

A:-Salbutamol

B:-Methotrexate

C:-Clotrimazole

D:-Griseofulvin

Correct Answer:- Option-B

Question97:-Iatrogenic disease occurs by Phenothiazines:

A:-Hepatitis

B:-Lupus Syndrome

C:-Peptic Ulcer

D:-Parkinsonism

Correct Answer:- Option-D

Question98:-18-55 days of gestation is

A:-Fertilization Stage

B:-Implantation Stage

C:-Organogenesis Stage

D:-Growth and Development State

Correct Answer:- Option-C

Question99:-Treatment for acute poisoning of mercury

A:-Atropine

B:-BAL

C:-Penicillin

D:-Morphine

Correct Answer:- Option-B

Question100:-If two or more dosage forms of the same drug contain the same labelled quantities of the drug,these are called

A:-Bioequivalence

B:-Clinical equivalence

C:-Therapeutic equivalent

D:-Chemical equivalent

Correct Answer:- Option-D