

PROVISIONAL ANSWER KEY

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Question1:-The pass that connects Himachal Pradesh and Tibet is

- A:-Shipkila
- B:-Nathula
- C:-Banihal
- D:-Sojila

Correct Answer:- Option-A

Question2:-Name the chief Justice who issued verdict on the constitutionality of Adhar Card

- A:-T.S. Thakkur
- B:-Ranjan Gagoi
- C:-Dipak Misra
- D:-None of these

Correct Answer:- Option-C

Question3:-The founder of East India Association was

- A:-Surendra Nath Banerjee
- B:-Mahadev G. Ranade
- C:-Gopala Krishna Gokhale
- D:-Dadabai Naorji

Correct Answer:- Option-D

Question4:-Among the rivers given below which one flows to west?

- A:-Kaveri
- B:-Godavari
- C:-Mahanadi
- D:-Narmada

Correct Answer:- Option-D

Question5:-Dassault Aviation is an aircraft company from

- A:-Korea
- B:-Italy
- C:-America
- D:-France

Correct Answer:- Option-D

Question6:-In which annual session of Indian National Congress was, C. Sankaran Nair elected as the President

- A:-Bombay Session
- B:-Madras Session
- C:-Amaravathi Session
- D:-Nagpur Session

Correct Answer:- Option-C

Question7:-Mar Kuriakose Elias Chavara established a Sanskrit school at

- A:-Kollam
- B:-Mannanam
- C:-Kaladi
- D:-Aluva

Correct Answer:- Option-B

Question8:-The 44th G.7 summit was held at

- A:-Berlin
- B:-Tokyo
- C:-Melbaie
- D:-Paris

Correct Answer:- Option-C

Question9:-The constitutional reform that introduced dyarchy in provinces was

- A:-Minto Morly Reforms
 - B:-Indian Act of 1935
 - C:-Montagu Chelmsford Reform
 - D:-Indian act of 1858
- Correct Answer:- Option-C

Question10:-The revolt of Royal Indian Navy in 1946 begin in

- A:-Karachi
- B:-Vishakhapatanam
- C:-Bombay
- D:-Kolkata

Correct Answer:- Option-C

Question11:-Tata Iron and Steel Plant (TISCO) is situated at

- A:-Jharkand
- B:-West Bengal
- C:-Karnataka
- D:-Bihar

Correct Answer:- Option-A

Question12:-'Prachina Malayalam' is the work of

- A:-Vagbhadanandha
- B:-Vaikunda Swamikal
- C:-V.T. Bhattathirippad
- D:-Chattampi Swamikal

Correct Answer:- Option-D

Question13:-The venue of 2022 World Cup Foot Ball is

- A:-Russia
- B:-Mexico
- C:-Qatar
- D:-Canada

Correct Answer:- Option-C

Question14:-As per 2011 Census Report the district with highest sex ratio is

- A:-Malappuram
- B:-Alappuzha
- C:-Kannur
- D:-Thiruvananthapuram

Correct Answer:- Option-C

Question15:-'Mangalavanam' bird sanctuary is in

- A:-Palakkad
- B:-Idukki
- C:-Kottayam
- D:-Ernakulam

Correct Answer:- Option-D

Question16:-The district with longest coastal area is

- A:-Kasargod
- B:-Kozhikode
- C:-Alappuzha
- D:-Kannur

Correct Answer:- Option-D

Question17:-Edamalar Dam is constructed upon the river

- A:-Periyar
- B:-Pampa
- C:-Neyyar
- D:-Bharathapuzha

Correct Answer:- Option-A

Question18:-Mahatma Gandhi National Rural Employment Guarantee Programme (MNREGP) was introduced in

- A:-2005
- B:-2004
- C:-2008
- D:-2006

Correct Answer:- Option-A

Question19:-'Ezhava Memorial' was submitted to

A:-Sree Chithira Thirunal Balarama Varma

B:-Gouri Parvathi Bhai

C:-Sree Moolam Thirunal Ramavarma

D:-Visakhm Thirunal

Correct Answer:- Option-C

Question20:-'Yachanayatra' was conducted by

A:-A.K. Gopalan

B:-T.K. Madhavan

C:-V.T. Bhattathirippad

D:-K. Kelappan

Correct Answer:- Option-C

Question21:-Domperidone is

A:-`"5HT_3"` antagonist

B:-`"5HT_4"` agonist

C:-D2 antagonist

D:-D2 agonist

Correct Answer:- Option-C

Question22:-Drug of choice in neurocysticercosis

A:-Praziquantel

B:-Albendazole

C:-Ivermectin

D:-Pyrantal pamoate

Correct Answer:- Option-B

Question23:-Stiripentol is an

A:-Antipsychotic

B:-Antiepileptic

C:-Antiparkinsonian

D:-Antidepressant

Correct Answer:- Option-B

Question24:-All are catecholamines except

A:-Epinephrine

B:-Norepinephrine

C:-Dopamine

D:-Phenylephrine

Correct Answer:- Option-D

Question25:-Fastest acting antimalarial drug

A:-Chloroquine

B:-Quinine

C:-Mefloquine

D:-Artesunate

Correct Answer:- Option-D

Question26:-The mechanism of action of sofosbuvir is

A:-NS5B polymerase inhibitor

B:-NS5A inhibitor

C:-NS3 Protease inhibitor

D:-Neuraminidase inhibitor

Correct Answer:- Option-A

Question27:-Drug which is not of microbial origin

A:-Lovastatin

B:-Ivermectin

C:-Paclitaxel

D:-Sirolimus

Correct Answer:- Option-C

Question28:-Essential drugs are

A:-Life saving drugs

B:-Drugs meeting the health needs of majority of population

C:-Drugs that must be available in emergency departments

D:-Drugs that are listed in pharmacopoeia of a nation

Correct Answer:- Option-B

Question29:-Loading dose of a drug primarily depends on

A:-Volume of distribution

B:-Clearance

C:-Rate of administration

D:-Plasma half-life

Correct Answer:- Option-A

Question30:-Selective estrogen receptor down regulator is

A:-Clomiphene citrate

B:-Toremifene

C:-Letrozole

D:-Fulvestrant

Correct Answer:- Option-D

Question31:-Ocular anti inflammatory agent among the following

A:-Flurbiprofen

B:-Indomethacin

C:-Mefenamic acid

D:-Piroxicam

Correct Answer:- Option-A

Question32:-NMDA receptor antagonist useful in Alzheimer's disease

A:-Galantamine

B:-Memantine

C:-Donepezil

D:-Co Dergocrine

Correct Answer:- Option-B

Question33:-Uses of ACE inhibitors are all except

A:-Hypertension

B:-Congestive cardiac failure

C:-Myocardial infarction

D:-Variant angina

Correct Answer:- Option-D

Question34:-Teriparatide can be used for the treatment of

A:-Osteoporosis

B:-Polycystic ovarian disease

C:-Hyperparathyroidism

D:-Hypocalcemia

Correct Answer:- Option-A

Question35:-Drug of choice in trigeminal neuralgia

A:-Carbamazepine

B:-Phenytoin

C:-Lamotrigine

D:-Sodium valproate

Correct Answer:- Option-A

Question36:-Conversion of T4 to T3 is inhibited by all EXCEPT

A:-Propranolol

B:-Propylthiouracil

C:-Carbimazole

D:-Amiodarone

Correct Answer:- Option-C

Question37:-Diuretic with anti remodelling action

A:-Furosemide

B:-Hydrochlorothiazide

C:-Amiloride

D:-Spironolactone

Correct Answer:- Option-D

Question38:-Mu receptor is responsible for all the following effects EXCEPT

A:-Miosis

B:-Bronchodilation

C:-Euphoria

D:-Hypothermia

Correct Answer:- Option-B

Question39:-Most cardiotoxic local anaesthetic is

A:-Procaine

B:-Prilocaine

C:-Bupivacaine

D:-Tetracaine

Correct Answer:- Option-C

Question40:-A normal distribution curve depends on

A:-Mean and sample size

B:-Mean and median

C:-Range and sample size

D:-Mean and standard deviation

Correct Answer:- Option-D

Question41:-SSRI useful in the treatment of premature ejaculation

A:-Dapoxetine

B:-Duloxetine

C:-Venlafaxine

D:-Sertraline

Correct Answer:- Option-A

Question42:-In a clinical trial, comparison of efficacy of a new drug with an existing drug is done in

A:-Phase I

B:-Phase II

C:-Phase III

D:-Phase IV

Correct Answer:- Option-C

Question43:-All of the following are short acting insulin analogs except

A:-Insulin lispro

B:-Insulin aspart

C:-Insulin glargine

D:-Insulin glulisine

Correct Answer:- Option-C

Question44:-Etravirine is

A:-Nucleoside reverse transcriptase inhibitor

B:-Non nucleoside reverse transcriptase inhibitor

C:-Integrase inhibitor

D:-Entry inhibitor

Correct Answer:- Option-B

Question45:-Physiological salt solution used for mammalian smooth muscle experiments

A:-Tyrode solution

B:-Frog ringer solution

C:-De Jalon solution

D:-Mc even solution

Correct Answer:- Option-A

Question46:-Drug most likely to cause malignant hyperthermia is

A:-Propofol

B:-Ketamine

C:-Halothane

D:-Thiopentone sodium

Correct Answer:- Option-C

Question47:-Squalene epoxidase inhibitor is

A:-Terbinafine

B:-Griseofulvin

C:-Miconazole

D:-Tolnaftate

Correct Answer:- Option-A

Question48:-Penicillin G is the drug of choice in

A:-Rickettsial infection

B:-Leptospirosis

C:-Typhoid

D:-Bacterial dysentery

Correct Answer:- Option-B

Question49:-cAMP is the second messenger for the following receptors except

A:-Histamine `H_2`

B:-Adrenergic `beta`

C:-Serotonin `5HT_2`

D:-Dopamin `D_1`

Correct Answer:- Option-C

Question50:-Glucocorticoid with the least mineralocorticoid activity is

A:-Deflazacort

B:-Prednisolone

C:-Methylprednisolone

D:-Hydrocortisone

Correct Answer:- Option-A

Question51:-Macrolide which achieves extensive tissue distribution is

A:-Azithromycin

B:-Roxithromycin

C:-Clarithromycin

D:-Erythromycin

Correct Answer:- Option-A

Question52:-Choose the wrong statement about metronidazole

A:-Preferred drug in intestinal amoebiasis

B:-Highly useful in anaerobic infections

C:-Can product disulfiram like reaction with alcohol

D:-Drug of choice for eradicating amoebic cysts from colon

Correct Answer:- Option-D

Question53:-Docetaxel acts on the following cell cycle phase

A:-S phase

B:-G1 phase

C:-M phase

D:-G2 phase

Correct Answer:- Option-C

Question54:-Gum hypertrophy is caused by all these drugs except

A:-Phenytoin

B:-Verapamil

C:-Nifedipine

D:-Cyclosporine

Correct Answer:- Option-B

Question55:-Drug of choice in digoxin induced ventricular arrhythmia

A:-Propafenone

B:-Lignocaine

C:-Quindine

D:-Procainamide

Correct Answer:- Option-B

Question56:-All are T type calcium channel blockers except

A:-Flunarizine

B:-Ethosuximide

C:-Sodium valproate

D:-Diltiazem

Correct Answer:- Option-D

Question57:-The physical half life of `I^{131}` is

A:-8 minutes

B:-8 hours

C:-8 days

D:-8 weeks

Correct Answer:- Option-C

Question58:-The neuromuscular blocking drug that can be used safely in patients with renal and hepatic dysfunction

A:-Atracurium

- B:-Mivacurium
- C:-Pancuronium
- D:-Rocuronium

Correct Answer:- Option-A

Question59:-The 5-alpha reductase inhibitor effective in the treatment of male pattern baldness

- A:-Flutamide
- B:-Finasteride
- C:-Bicalutamide
- D:-Tadalafil

Correct Answer:- Option-B

Question60:-All of the following drugs are used in hypertensive emergencies except

- A:-sodium nitroprusside
- B:-Losartan
- C:-Labetalol
- D:-Esmolol

Correct Answer:- Option-B

Question61:-Inverse agonist of benzodiazepine receptor is

- A:-Flumazenil
- B:-Gabapentin
- C:-Beta carboline
- D:-Zopiclone

Correct Answer:- Option-C

Question62:-All are properties of digoxin except

- A:-Low steady margin
- B:-High volume of distribution
- C:-inhibits Na+K+ATPase
- D:-Metabolized in liver

Correct Answer:- Option-D

Question63:-Febuxostate is

- A:-Non purine inhibitor of xanthine oxidase
- B:-Used in acute gout
- C:-Uricosuric drug
- D:-Given intravenously

Correct Answer:- Option-A

Question64:-The drug with the least oral bioavailability among the following

- A:-Ampicillin
- B:-Gentamicin
- C:-Doxycycline
- D:-Ciprofloxacin

Correct Answer:- Option-B

Question65:-Prostaglandin analog used in the treatment of constipation predominant IBS

- A:-Lubiprostone
- B:-Alosetron
- C:-Prucalopride
- D:-Cisapride

Correct Answer:- Option-A

Question66:-A metal chelator which can be used in the treatment of a collagen vascular disease but may precipitate yet another collagen vascular disease

- A:-Penicillamine
- B:-Desferrioxamine
- C:-Dimercaprol
- D:-Calcium disodium edetate

Correct Answer:- Option-A

Question67:-Neurokinin receptor antagonist used in the treatment of chemotherapy induced vomiting

- A:-Dronabinol
- B:-Ondansetron
- C:-Aprepitant
- D:-Rimonabant

Correct Answer:- Option-C

Question68:-All are pharmacogenetically mediated reactions except

- A:-Adenosine deaminase deficiency
- B:-Succinylcholine apnoea
- C:-Coumarin insensitivity
- D:-G6PD deficiency

Correct Answer:- Option-A

Question69:-Which one of the following antimicrobial agent has got a ketolide structure

- A:-Linezolid
- B:-Streptogramins
- C:-Aztreonam
- D:-Telithromycin

Correct Answer:- Option-D

Question70:-Preferred drug for the treatment of pneumocystis Jiroveci Pneumonia

- A:-Erythromycin
- B:-Co-trimoxazole
- C:-Doxycycline
- D:-Clindamycin

Correct Answer:- Option-B

Question71:-Which of the following general anaesthetic has poor muscle relaxant action?

- A:-Ether
- B:-Nitrous oxide
- C:-Halothane
- D:-Ketamine

Correct Answer:- Option-B

Question72:-The dose limiting toxicity of doxorubicin is

- A:-Hepatic centrilobular necrosis
- B:-Congestive cardiac failure
- C:-Proximal tubular necrosis
- D:-Peripheral neuropathy

Correct Answer:- Option-B

Question73:-Characteristic feature of piperacillin is

- A:-Acid labile and penicillinase resistant
- B:-Acid resistant and penicillinase labile
- C:-Acid labile and penicillinase labile
- D:-Acid resistant and penicillinase resistant

Correct Answer:- Option-C

Question74:-Cytochrome P450 isoenzyme involved in the metabolism of most of the drugs is

- A:-CYP2E1
- B:-CYP2D6
- C:-CYP3A4
- D:-CYP2C19

Correct Answer:- Option-C

Question75:-Antipsychotic with prokinetic action

- A:-Levosulpiride
- B:-Amisulpride
- C:-Loxapine
- D:-Pimozide

Correct Answer:- Option-A

Question76:-Centrally acting skeletal muscle relaxant that acts via α_2 adrenergic agonism

- A:-Tizanidine
- B:-Brimonidine
- C:-Baclofen
- D:-Chlormezanone

Correct Answer:- Option-A

Question77:-Which of the following is a phase 2 reaction?

- A:-Oxidation
- B:-Acetylation
- C:-Hydrolysis
- D:-Reduction

Correct Answer:- Option-B

Question78:-All of the following are anti seizure drugs useful for migraine prophylaxis except

A:-Gabapentin

B:-Topiramate

C:-Vigabatrin

D:-Sodium valproate

Correct Answer:- Option-C

Question79:-The following are mixed agonist antagonist except

A:-Pentazocine

B:-Nalbuphine

C:-Fentanyl

D:-Nalorphine

Correct Answer:- Option-C

Question80:-Chlorpromazine has all the following actions in addition to its anti dopaminergic effect except

A:-Anticholinergic action

B:-Antihistaminic action

C:-Alpha adrenergic blocking action

D:-Beta adrenergic blocking action

Correct Answer:- Option-D

Question81:-Valbenazine is

A:-VMAT2 inhibitor

B:-MAO-B inhibitor

C:-COMT inhibitor

D:-MAO-A inhibitor

Correct Answer:- Option-A

Question82:-Concerning streptogramin, which of the following statement is false?

A:-Active against MRSA

B:-Induce cytochrome P450 enzyme

C:-Useful against vancomycin resistant enterococci

D:-Excreted mainly through feces

Correct Answer:- Option-B

Question83:-The minimal alveolar concentration of an inhalational anaesthetic is a measure of its

A:-Potency

B:-Therapeutic index

C:-Diffusibility

D:-Efficacy

Correct Answer:- Option-A

Question84:-First line ACT under NVBDCP for chloroquine resistant falciparum malaria

A:-Artesunate + sulfadoxine + pyrimethamine

B:-Artemether + lumefantrine

C:-Artesunate + mefloquine

D:-Arterolane + piperaquine

Correct Answer:- Option-A

Question85:-About first order kinetics, true statement is

A:-Fixed amount of the drug is eliminated

B:-Clearance remains constant

C:-Half-life increases with dose

D:-Decreased clearance with increase in dose

Correct Answer:- Option-B

Question86:-Antagonism between adrenaline and histamine is

A:-Physical antagonism

B:-Physiological antagonism

C:-Competitive equilibrium antagonism

D:-Competitive non equilibrium antagonism

Correct Answer:- Option-B

Question87:-Which of the following is not associated with hydrochlorothiazide treatment

A:-Hyponatremia

B:-Hypokalemia

C:-Hypocalcemia

D:-Hyperuricemia

Correct Answer:- Option-C

Question88:-Aminoglycosides are not useful in the treatment of infections with

A:-Pseudomonas

B:-E Coli

C:-Klebsiella

D:-Clostridium difficile

Correct Answer:- Option-D

Question89:-Drug preferred in the treatment of swine flu

A:-Abacavir

B:-Oseltamivir

C:-Acyclovir

D:-Tenofovir

Correct Answer:- Option-B

Question90:-The name of ahluwalia is associated with

A:-Classification of cholinergic receptors

B:-Classification of adrenergic receptors

C:-Classification of histamine receptors

D:-Classification of serotonin receptors

Correct Answer:- Option-B

Question91:-All of the following are disease modifying anti-rheumatoid drugs except

A:-Etanercept

B:-Anakinra

C:-Infliximab

D:-Cetuximab

Correct Answer:- Option-D

Question92:-Glycoprotein IIb/IIIa receptor antagonist is

A:-Prasugrel

B:-Ticlopidine

C:-Tirofiban

D:-Cangrelor

Correct Answer:- Option-C

Question93:-Preferred drug in the treatment of drug induced parkinsonism

A:-Levodopa

B:-Selegiline

C:-Trihexyphenidyl

D:-Tolcapone

Correct Answer:- Option-C

Question94:-Stimulation of which receptor will release renin?

A:-Alpha 1

B:-Alpha 2

C:-Beta 1

D:-Beta 2

Correct Answer:- Option-C

Question95:-Evolocumab is used in

A:-Hyperlipidemia

B:-Bronchial asthma

C:-Migraine

D:-Breast cancer

Correct Answer:- Option-A

Question96:-5-HT1A partial agonist among the following

A:-Ketanserin

B:-Hydroxyzine

C:-Cyproheptadine

D:-Buspirone

Correct Answer:- Option-D

Question97:-All of the following can be used as local anaesthetics except

A:-Dexmedetomidine

B:-Centbucridine

C:-Diphenhydramine

D:-Benzyl alcohol

Correct Answer:- Option-A

Question98:-All of the following drugs are included under RNTCP for the treatment of XDR-TB except

A:-Capreomycin

B:-Levofloxacin

C:-Clofazimine

D:-Linezolid

Correct Answer:- Option-B

Question99:-Denosumab is used for the treatment of

A:-Rheumatoid arthritis

B:-Osteoarthritis

C:-Osteoporosis

D:-Systematic lupus erythematosus

Correct Answer:- Option-C

Question100:-Anthelmintic agent with immunomodulatory action

A:-Albendazole

B:-Pyrantel pamoate

C:-Piperazine

D:-Levamisole

Correct Answer:- Option-D