

PHARMACIST GRADE II-NCA ONLINE

EXAM DATE:31-1-2015

1.Who was the founder of 'Araya Samaj'

A.Poykayil Sree Kumara Guru Deva

B.Bhrahmanda Siva Yogi

C.K.P.Karuppan*

D.Rajaram Mohan Roy

Ans:C

2.Who is known as the Architect or patron saint of modern All India Service(IAS & IPS)

A.Warren Hasting

B.Sardar Vallabhai Patel*

C.Maulana Abdul Kalam Azad

D.Lord Rippon

Ans:B

3.Which of the following regions in India is the richest in iron and coal deposits?

A.Chota Nagpur Plateau*

B.Southern Region

C.Himalayan Region

D.Thar Desert

Ans:A

4.'Stride toward Freedom' is autobiography of

A.Nelson Mandela

B.Khama N Kruma

C.Martin Luther King Jr*

D.Augn Sang Suki

Ans:C

5.Longest Rail Bridge in India

A.Ganga Rail Bridge

B.Jubily Railway Bridge

C.Nehru Setu Bridge

D.Vembanad Rail Bridge*

Ans:D

6.The disputed 'Babli Project'is situated across the river-----

A.Krishna

B.Godavari*

C.Narmada

D.Thapthi

Ans:B

7.Which city in India is called as 'Zero mile centre of India'?

A.Chennai

B.Kulu

C.Shimla

D.Nagpur*

Ans:D

8.'Boko Haram'is a terrorist organization in-----

A.Nigeria*

B.Tunishia

C.Iraq

D.Egypth

Ans:A

9.70% of the Rainfall in Kerala is from 'Kalavarsham'.It is

A.North East Monsoon

B.East Asian Monsoon

C.South East Monsoon

D.South West Monsoon*

Ans:D

10.'Gate Way of India'build in 1911 in commemoration of the visit of-----

A.King Henry I and Metilda of Scotland

B.King George IV and Maria Fitzherbert

C.King William IV and Saxe Meninger

D.King George V and Queen Mary*

Ans:D

11.Who implemented 'Misra Bhojana Programme'(dining along with the lower castes)to fight against the evils of caste system in kerala?

A.K.Ayyappan*

B.K.Kelappan

C.Mannathu Padmanabhan

D.Sree Narayana Guru

Ans:A

12.Who is known as the father of the political movement in Travancore?

- A.K.P.Achutha Menon
- B.C.Kunjirama Menon
- C.Mannath Krishna Nair
- D.G.P.Pillai*

Ans:D

13.'Pritzker prize'is considered as the highest honour in the field of-----

- A.Journalism
- B.Inter religious co-operation
- C.Architecture*
- D.Multi-lingual Education

Ans:C

14.Which Indian state has the lowest population density?

- A.Missoram
- B.Arunachal Pradesh*
- C.Sikkim
- D.Kerala

Ans:B

15.Which global organization is behind the'Earth Hour'observed on every march?

- A.Amnesty International
- B.World Wild Fund for Nature*
- C.Greenpeace
- D.UNEP

Ans:B

16.The 2017 FIFA Cofederation Cup Football will be held in-----

A.Qatar

B.Newzeland

C.Russia*

D.China

Ans:C

17.Who founded an order entitled the 'Prathyksha Raksha Daiva Sabha'?

A.Sree Kumara Guru Deva*

B.Kandathil Varghese Mappila

C.Blessed Kuriakose Elias Chavara

D.Vagbhadanandan

Ans:A

18.'Reddimer mishap'in Pallana river is associated with

A.Vallathol

B.Ulloor

C.Kumaranasan*

D.Poonthanam

Ans:C

19.Present State Election Commissioner of Kerala

A.Nalini Netto

B.K.Sasidharan Nair*

C.K.M.Chandrashekar

D.K.P.Dhandapani

Ans:B

20.Name the world's thinnest and strongest nano material.

A.Graphene*

B.Titanium Nanorods

C.Iron Nanofoils

D.Copper Nanowires

Ans:A

21.In tablet manufacturing,TALC is used as

A.Diluent

B.Granulating agent

C.Glidant*

D.Disintegrating agent

Ans:C

22.SCHICK TEST is done to

A.Detect the degree of immunity against Diphtheria*

B.Detect the degree of immunity against Tuberculosis

C.Detect the degree of immunity against Typhoid

D.Identify the presence of Ketone bodies in urine

Ans:A

23.Glycerin or Sorbitol is added to gelatin in the preparation of soft gelatin capsules as

A.Preservatives

B.Plasticizer*

C.Polishing agent

D.Sweetening agent

Ans:B

24.Principle of Size Reduction in Ball Mill is

A.Compression

B.Impact

C.Atrition

D.Combination of Impact and Attrition*

Ans:D

25.Eugenia caryophyllus is the botanical name of

A.Clove*

B.Eucalyptus

C.Coriander

D.Cardamom

Ans:A

26.Who among the following is not an Ex-officio member of central council of Pharmacy Council of India

A.Director General,Health Services

B.Drugs Controller of India

C.Director,Central Drugs Laboratory

D.Health Secretary,govt.of India*

Ans:D

27.The limit test of Iron depends upon the interaction of iron with

A.Barium Sulphate reagent

B.Diphenyl thiocarbazon

C.Thioglycolic acid*

D.Mercuric Chloride

Ans:C

28.In relation to emulsion,formation of a layer of relatively concentrated emulsion above or below the surface is known as

A.Cracking

B.Creaming*

C.Mottling

D.Phase inversion

Ans:B

29.Drugs Inspector is appointed as per the provisions of

A.Pharmacy Act 1948

B.Drugs and Cosmetics Act 1945*

C.Drugs Inspector Act 1940

D.Narcotic and Psychotropic Substances Act 1985

Ans:B

30.Presence of lignified trichomes is the characteristic microscopic feature of

A.Nux-vomica*

B.Digitalis

C.Datura

D.Cinchona

Ans:A

31.An example for an anthracene glycoside

A.Purpurea glycoside

B.Diosgenin

C.Cantharidin

D.Sennoside*

Ans:D

32.Hydrogen Peroxide IP used as antiseptic contains

A.100% w/v of Hydrogen peroxide

B.25% w/v of Hydrogen Peroxide

C.6%w/v of Hydrogen Peroxide*

D.27%w/v of Hydrogen Peroxide

Ans:C

33.The agent used as a radio-opaque contrast medium:

A.Radioactive Sodium Iodide

B.Colloidal Gold Injection

C.Barium Sulphate*

D.Sodium Iodo Hippurate

Ans:C

34.When an hypotonic solution is injected into blood stream,causes

A.Haemolysis*

B.Shrinkage of blood cells

C.Sclerosis of veins

D.No characteristic change

Ans:A

35.Sodium lauryl Sulphate is

- A.Cationic surface active agents
- B.Ampholytic surface active agents
- C.Nonionic surface active agents
- D.Anionic surface active agents*

Ans:D

36.A toxoid vaccine is:

- A.Killed bacterial suspension
- B.Live bacterial suspension
- C.Live viral Vaccine
- D.Toxins that have been incubated with formalin*

Ans:D

37.0.1 gms contains:

- A.1000 mg
- B.100 mg*
- C.10 mg
- D.1 mg

Ans:B

38.Volume of 95% alcohol required to prepare 500 ml of 20% alcohol is:

- A.80 ml
- B.50 ml
- C.105 ml*
- D.150 ml

Ans:C

39.Which among the following is a blood coagulation factor:

- A.Sodium
- B.Calcium*
- C.Potassium
- D.Manganese

Ans:B

40.An example for a drug that undergoes extensive first pass metabolism:

- .A.Testosterone*
- B.Phenobarbitone
- C.Tolbutamide
- D.Theophylline

Ans:A

41.Bacillus Calmette Guerin Vaccine is

- A.Suspension of living cells of a strain of Mycobacterium tuber culosis*
- B.Suspension of living cells of a strain of Bordetella pertusis
- C.Suspension of living cells of a strain of Salmonella typhi
- D.Suspension of living cells of a strain of Vibrio cholera

Ans:A

42.The toxic protein present in castor oil is:

- A.Ricinoleic acid
- B.Ricin*
- C.Isoricinoleic acid
- D.Linoleic acid

Ans:B

43.Calamine IP is

- A.Aluminium silicate with ferric oxide
- B.Magnesium silicate with ferric oxide
- C.Calcium oxide with ferric oxide
- D.Zinc oxide with ferric oxide*

Ans:D

44.Which among the following statement is false with respect to NaCl Injection IP

- A.Contains 0.9% w/v sterile solution of Sodium Chloride
- B.pH of the solution is between 4.5 & 7.0
- C.Contains added antimicrobial agents or preservatives*
- D.Contains approximately 150 mmol of Sodium ions

Ans:C

45.Which one of the following is used as an antimicrobial preservative:

- A.Propylene glycol
- B.Procaine hydrochloride
- C.Propyl hydroxyl benzoate*
- D.Sodium hydrogen carbonate

Ans:C

46.Cotrimoxazole tablet contains:

- A.5 parts of Cortisone acetate and 1 parts of trimethoprim
- B.5 parts of Sulphamethoxazole and 1 parts of trimethoprim*
- C.5 parts of Cloxacillin and 1 parts of trimethoprim
- D.5 parts of Cloxacillin and 1 parts of trimethoprim

Ans:B

47.Which among the following is used as a diuretic:

- A.Tribulus terrestris*
- B.Claviceps purpurea
- C.Cyamopsis tetragonolobus
- D.Commiphora molmol

Ans:A

48.Potassium permanganate is an example for:

- A.Acidity agent
- B.Alkalis agent
- C.Reducing agent
- D.Oxidising agent*

Ans:D

49.Lugols Solution is:

- A.2.5% w/v of Iodine and 2.5% w/v of potassium iodide in water
- B.10.0%w/v of Iodine and 6.0%w/v of potassium iodide in water
- C.5.0%w/v of Iodine and 10.0% w/v of potassium iodide in water*
- D.2.0%w/v of Iodine and 2.4% w/v of Sodium Iodide in water

Ans:C

50.Ammonium Chloride is used as:

- A.Alkalis Agent
- B.Astringent
- C.Expectorant*
- D.All the above

Ans:C

51.An antidote which can be used in cyanide poisoning:

- A.Sodium bicarbonate
- B.Sodium nitrite*
- C.Dimercaprol
- D.Sodium bisulphate

Ans:B

52.Colloidal dispersion of liquids or solids in gases are:

- A.Aerosols*
- B.Emulsion
- C.Creams
- D.Suspensions

Ans:A

53.An example for a drug with anti hypertensive action

- A.Rhubarb
- B.Vasaka
- C.Liquorice
- D.Rauwolfia*

Ans:D

54.Restricted licenses in Forms 20-A and 21-A are issued for:

- A.Narcotic and psychotropic substances
- B.Pethidine and related drugs
- C.Wholesale dealing of drugs which does not require the supervision of a registered pharmacist*
- D.Drugs specified in Schedule X

Ans:C

55.The Schedule in Drugs and Cosmetics Act which specifies that drugs shall not be sold by retail except on and in accordance with the prescription of a Registered Medical Practitioner:

A.Schedule K

B.Schedule G

C.Schedule J

D.Schedule H*

Ans:D

56.As per Drugs and Cosmetics Act 1945,the term”Drugstore”refers to

A.Licenses where the service of registered pharmacist is employed but donot maintain a pharmacy

B.Licenses who employ the service of registered pharmacist and maintain a pharmacy for compounding against prescription

C.Licenses where drugs are temporarily stored

D.Licenses where service of a qualified person is not required*

Ans:D

57.Which among the following is a prodrug:

A.Levodopa*

B.Indomethacin

C.Paracetamol

D.Diphenhydramine

Ans:A

58.Leucovorin rescue is given to reduce the toxic effects of

A.Methotrexate*

B.Cyclophosphamide

C.Melphalan

D.Chlorambucil

Ans:A

59.The antibiotic that acts by inhibiting bacterial protein synthesis by binding to the 30s ribosomal subunits:

A.Chloramphenicol

B.Doxycyclin*

C.Azithromycin

D.Vancomycin

Ans:B

60.Diethyl carbamazine is the drug of choice in the treatment of:

A.Epilepsy

B.Filarial infection*

C.Hookworm infestation

D.Malaria

Ans:B

61.Organophosphorus poisoning is treated with

A.Acetylcholine

B.Atropine*

C.Pentazocine

D.Methacholine

Ans:B

62.Benzodiazepine receptor antagonist:

A.Flumazenil*

B.Atropine

C.Pentazocine

D.Phentolamine

Ans:A

63.Diabetes insipidus is due to deficiency of:

A.Oxytocin

B.Insulin

C.Vasopressin*

D.Aldosterone

Ans:C

64.Epsom Salt is:

A.Copper Sulphate

B.Magnesium Sulphate*

C.Ferrous Sulphate

D.Calcium Sulphate

Ans:B

65.In combination antacids,Magnesium salts are added:

A.For immediate onset of action

B.To decrease the production of acid in GIT

C.To enhance taste and appearance

D.For laxative action*

Ans:D

66.Directly observed treatment,Short course(DOTS)refers to:

A.AIDS control strategy of Govt.of India

B.Strategic action plan for Malarial control in India

C.Tuberculosis control strategy,recommended by WHO*

D.Part of National Filaria control program

Ans:C

67.An Adverse effect of Clozapine

A.Agranulocytosis*

B.Nephrotoxicity

C.Hepatotoxicity

D.Respiratory depression

Ans:A

68.Antixerophthalmic vitamin is

A.Vitamin E

B.Vitamin D

C.Vitamin B

D.Vitamin A*

Ans:D

69.Lanolin is

A.Beeswax

B.Woolfat*

C.Paraffin wax

D.Borax

Ans:B

70.Ratio of oil:water:gum for preparing an emulsion using volatile oil:

A.2:2:1*

B.4:2:1

C.3:2:1

D.1:1:2

Ans:A

71.Pyridoxine is:

A.Vitamin B1

B.Vitamin B2

C.Vitamin B6*

D.Folic acid

Ans:C

72.The latin term"Oris"denotes

A.To mouth*

B.Ever hour

C.When necessary

D.At bed time

Ans:A

73.Carbonic anhydrase inhibitor

A.Ethacrynic acid

B.Chlorothiazide

C.Acetazolamide*

D.Chlorothiazide

Ans:C

74.Which one among the following has a phenanthrene nucleus:

A.Pentazocine

B.Trifluperazine

C.Promethazine

D.Morphine*

Ans:D

75.2 Acetoxy benzoic acid is:

A.Pentazocine

B.Trifluperazine

C.Promethazine

D.Morphine*

Ans:D

76.An agent used to delay the renal excretion of penicillins

A.Protamine sulphate

B.Procaine

C.Propylene glycol

D.Probenecid*

Ans:D

77.An antidote for warfarin toxicity/overdose

A.Protamine

B.Dimercaprol

C.Penicillamine

D.Vitamin K*

Ans:D

78.An ingredient of anticoagulant solution used for storage of whole blood

- A.Anhydrous citric acid*
- B.Anhydrous benzoic acid
- C.Anhydrous Tartaric acid
- D.Ascorbic acid

Ans:A

79.Valproic acid is used as an

- A.Analgesic
- B.Antiepileptic*
- C.Anti-inflammatory
- D.Diuretic

Ans:B

80.All the following General anaesthetics are administered intravenously except:

- A.Ketamine
- B.Propofol
- C.Halothane*
- D.Thiopentone Sodium

Ans:C

81.Clavulanic acid is given along with amoxicillin to

- A.Decrease excretion
- B.Avoid first pass metabolism
- C.Prevent drug resistance*
- D.Enhance oral absorption

Ans:C

82.Carbidopa is used for the treatment of parkinsonism because it

- A.Crosses blood brain barrier
- B.Decrease monoamine oxidase
- C.Inhibits L aminoacid decarboxylase*
- D.A COMT inhibitor

Ans:C

83.Aldosterone antagonist

- A.Spironolactone*
- B.Amiloride
- C.Mannitol
- D.Acetazolmide

Ans:A

84.Antimalarial drug used in Rheumatoid arthritis

- A.Mepacrine
- B.Chloroquine*
- C.Artemisine
- D.Pamaquine

Ans:B

85.Selenium Sulfide is used as:

- A.Antimalarial
- B.Antileprotic
- C.Antifungal
- D.Antidandruff*

Ans:D

86.The process of losing water of crystallization from a substance is

- A.Exudation
- B.Efflorescence*
- C.Delequescence
- D.Diaphoretic

Ans:B

87.Plantago ovata is used as

- A.Expectorant
- B.Sweetening agent
- C.Analgesic
- D.Laxative*

Ans:D

88.Sucrose is a

- A.Hexose
- B.Monosaccharides
- C.Disaccharides*
- D.Polysaccharides

Ans:C

89.An antidiabetic plant drug:

- A.Withania somnifera
- B.Saraca indica
- C.Urginea maritime
- D.Gymnema sylvestre*

Ans:D

90.A tropane alkaloid:

- A.Atropine*
- B.Reserpine
- C.Ergometrine
- D.Diosgenin

Ans:A

91.Which one of the following is referred to as Good Cholesterol:

- A.Triglycerides
- B.High density Lipoproteins*
- C.Low density Lipoproteins
- D.Chylomicrons

Ans:B

92.Which part of the plant"Opium poppy"is used for obtaining the active principles:

- A.Dried latex from stem
- B.Dried latex from capsules*
- C.Dried latex from root
- D.Dried latex from shoots

Ans:B

93.Proton pump inhibitor used in the treatment of peptic ulcer

- A.Rabeprazole*
- B.Ranitidine
- C.Misoprostol
- D.Sucralfate

Ans:A

94.An example for a drug that induces cytochrome P450:

- A.Phenytoin*
- B.Omeprazole
- C.Allopurinol
- D.Chloramphenicol

Ans:A

95.Physostigmine is an example for

- A.Adrenergic drug
- B.Anticholinergic drug
- C.Adrenergic blocking drug
- D.Anticholinesterase*

Ans:D

96.A Non Steroidal Anti Inflammatory Drug derived from anthranilic acid:

- A.Mephenemic acid*
- B.Ibuprofen
- C.Indomethacin
- D.Diclofenac Sodium

Ans:A

97.A hormone secreted by the anterior lobe of pituitary gland:

- A.Mineralocorticoids
- B.Gonadotropin releasing hormone
- C.Growth hormone*

D.Thyrotropin releasing hormone

Ans:C

98.An drug which inhibits spermatogenesis,used as male contraceptive

A.Tamoxifen

B.Norethindrone

C.Levonorgestrel

D.Gossypol*

Ans:D

99.An Angiotensin antagonist:

A.Captopril

B.Losartan*

C.Verapamil

D.Nicorandil

Ans:B

100.Lovastatin is

A.Antifibrinolytic agent

B.H2 receptor antagonist

C.HMG Co-A reductase inhibitor*

D.Lipoprotein lipase activator

Ans:C