

Sr No.	PhD Pharmacy
1	In the series 357,363,369,..... What will be the 10th term?
Alt1	405
Alt2	411
Alt3	413
Alt4	417

2	Choose word from the given options which bears the same relationship to the third word, as the first two bears: Moon: Satellite :: Earth : ?
Alt1	Sun
Alt2	Planet
Alt3	Solar System
Alt4	Asteroid

3	Door is related to Bang in the same way as Chain is related to?.....
Alt1	Thunder
Alt2	Clinch
Alt3	Tinkle
Alt4	Clank

4	Select the lettered pair that has the same relationship as the original pair of words: Emollient: Soothe
Alt1	Dynamo: Generate
Alt2	Elevation: Level
Alt3	Hurricane: Track
Alt4	Precipitation: Fall

5	Which of the following is the same as Count, List, Weight?
Alt1	Compare
Alt2	Sequence
Alt3	Number
Alt4	Measure

6	Spot the defective segment from the following:
Alt1	The downtrodden
Alt2	needs
Alt3	to be uplifted
Alt4	on a war footing

7	Choose the meaning of the idiom/phrase from among the options given: A close shave
Alt1	a nice glance
Alt2	a narrow escape
Alt3	an intimate
Alt4	a triviality

8	Lightning ----- in the same place twice.
Alt1	doesn't hit
Alt2	never strikes
Alt3	never attacks
Alt4	never falls

9	Choose the option closest in meaning to the given word: FLIPPANT
Alt1	serious
Alt2	unsteady
Alt3	irreverent
Alt4	caustic

10	Choose the antonymous option you consider the best: OBSOLETE
Alt1	obscure
Alt2	hackneyed
Alt3	current
Alt4	grasp

11	Akash scored 73 marks in subject A. He scored 56% marks in subject B and X marks in subject C. Maximum marks in each subject were 150. The overall percentage marks obtained by Akash in all the three subjects were 54%. How many marks did he score in subject C ?
Alt1	84
Alt2	86
Alt3	79
Alt4	73

12	A person starts from his house and travels 6 Km towards the West, he then travelled 4 Km towards his left and then travels 8 Km towards west and 3 Km towards South. Finally he turns right and travels 5 Km. What is the horizontal distance he has travelled from his house ?
Alt1	7 Km
Alt2	15 Km
Alt3	23 Km
Alt4	19 Km

13	If 1st Jan 2012 is a Tuesday then on which day of the week will 1st Jan 2013 fall ?
Alt1	Wednesday
Alt2	Thursday
Alt3	Friday
Alt4	Saturday

14	One morning after sunrise, Reeta and Kavita were talking to each other face to face at University. If Kavita's shadow was exactly to the right of Reeta, which direction was Kavita facing ?
Alt1	North
Alt2	South
Alt3	East

Alt4	West
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15	In an exam every candidate took History (or)Geography(or)both. 74.8%took History and 50.2% took Geography. If the Total number of candidates is 1500,how many took History and Geography both?
Alt1	400
Alt2	350
Alt3	750
Alt4	375

16	Which word includes the larger % of Vowels?
Alt1	GOOGLE
Alt2	AMAZON
Alt3	FACE BOOK
Alt4	DOE

17	A= Least prime >24; B=Greatest prime <28; Then
Alt1	A>B
Alt2	A<B
Alt3	A=B
Alt4	None

18	CL X VIII refers
Alt1	861
Alt2	701
Alt3	168
Alt4	107

19	Which of the following is larger than $\frac{3}{5}$?
Alt1	$\frac{1}{2}$
Alt2	$\frac{39}{50}$
Alt3	$\frac{7}{25}$
Alt4	$\frac{59}{100}$

20	Mr. Babu travelled 1200 km by air which formed $\frac{2}{5}$ of his trip. One third of the whole trip, he travelled by car and the rest of the journey was by train. What was the distance travelled by train?
Alt1	600km
Alt2	700 km
Alt3	800 km
Alt4	900 km

21	A natural alkaloid which selectively inhibits central acetylcholine esterase is
Alt1	Ginkgolides
Alt2	Galantamine
Alt3	Strychnine
Alt4	Picrotoxin

22	Calcium channel blockers should be avoided in ----- condition
Alt1	Diabetes
Alt2	Myocardial inadequacy & Congestive Heart Failure
Alt3	COPD
Alt4	Asthma

23	Prolonged use of thiazides leads to
Alt1	Sodium depletion
Alt2	Magnesium depletion
Alt3	Potassium depletion
Alt4	Hypocalcaemia

24	Name a suitable drug that suppresses gastric acid secretion in a dose dependent manner without H2 blocking action
Alt1	Roxatidine
Alt2	Cimetidine
Alt3	Omeprazole
Alt4	Sodium bicarbonate

25	An osmotic purgative is
Alt1	Epsom salt
Alt2	castor oil
Alt3	Liquid paraffin
Alt4	both a & c

26	The recommended dose of dapsone is
Alt1	50 mg
Alt2	100mg
Alt3	200mg
Alt4	250mg

27	p-dimethyl amnio benzaldehyde is called
Alt1	Van urk reagent
Alt2	Draggendorff's reagent
Alt3	Mayers reagent
Alt4	Sangers reagent

28	Quinazoline derivative is
Alt1	Quinine
Alt2	Vasicine
Alt3	Quinidine
Alt4	Strychnine

29	An antiviral drug developed from Shikimic acid is
Alt1	Zidovudine
Alt2	Nevirapine
Alt3	Oseltamivir

Alt4	Abacavir
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30	A suitable precursor for the maximum yield of Paclitaxel is
Alt1	Baccatin
Alt2	10-deacetyl baccatin
Alt3	Bicuculline
Alt4	Shikimic acid

31	Galegine obtained from Galegine officinalis serves as a template for the discovery of ----- drug
Alt1	Paracetamol
Alt2	Dicyclomine
Alt3	Metformin
Alt4	Tiotropium bromide

32	An antihypertensive drug derived from Papaverine is
Alt1	Verapamil
Alt2	Reserprine
Alt3	Furosemide
Alt4	Captopril

33	A suitable drug obtained from the fungi Penicillium citrinum and Penicillium brevicompactin having HMG CoA reductase inhibitor activity is
Alt1	Pravastatin
Alt2	Atorvastatin
Alt3	Nifedipine
Alt4	Diltiazem

34	A labdane diterpenoid is
Alt1	Gibberellins
Alt2	Forskolin
Alt3	Withanolides
Alt4	Calanolide

35	In freeze drying technique the drying process depends on conversion of
Alt1	Solid state (ice) to vapour state without liquid state
Alt2	Solid state (ice) to liquid and then vapour
Alt3	Liquid state to vapour
Alt4	Solid state to vapour by passing through liquid state

36	Bacteria proof filters have a pore size of
Alt1	2.0 micron
Alt2	20 micron
Alt3	0.2 micron
Alt4	0.02 micron

37	The COX-2 selectivity ratio is maximum for
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Alt1	Indomethacin
Alt2	Celecoxib
Alt3	Diclofenac
Alt4	Rofecoxib

38	The National Institute of Siddha is at
Alt1	Jaipur
Alt2	Chennai
Alt3	Bengaluru
Alt4	New Delhi

39	A bicyclic monoterpene is
Alt1	Linalol
Alt2	Citronellol
Alt3	Pinene
Alt4	Nerol

40	The chief hepatoprotective diterpene of Kalmegh is
Alt1	abietic acid
Alt2	Limonene
Alt3	Silymarin
Alt4	Andrographolide

41	In plant cell immobilization technique the ion exchange reaction is used by ----- to immobilize the cells.
Alt1	Polyurethane foam
Alt2	Glass fibres
Alt3	Alginate
Alt4	Polyethylene glycol

42	The control of proliferation of abnormal cell growth is caused by
Alt1	p53 gene
Alt2	GLUT 4
Alt3	p54 gene
Alt4	G protein

43	Identify the drug transported by P-glycoprotein
Alt1	Cyclosporin
Alt2	Diltiazem
Alt3	Macrolide antibiotics
Alt4	Verapamil

44	At alkaline pH which group of drugs are unable to diffuse into the renal tubule and lost in the urine.
Alt1	Weakly basic
Alt2	Weakly acidic
Alt3	Strongly acidic

Alt4	Strongly basic
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45	Optimum lipophilicity required for drug transport to the receptor is
Alt1	$\log P_o = k_1 \times 2k_2$
Alt2	$\log P = k_1 \times 2k_3$
Alt3	$\log P_o = k_1/2k_2$
Alt4	$\log P = k_1/2k_3$

46	A G2 phase specific anti cancer agent that inhibits RNA synthesis is
Alt1	Bleomycin
Alt2	Vincristine
Alt3	Prednisone
Alt4	Asparaginase

47	The most active hydroxylators are
Alt1	Fungi
Alt2	Bacteria
Alt3	acilli
Alt4	Nocardia

48	Which of the statement about insulin is correct
Alt1	reduce glycogen synthesis
Alt2	Inhibits glycolysis
Alt3	promotes gluconeogenesis
Alt4	Anabolic hormone

49	Shrinkage of gel by extrusion of liquid is called
Alt1	Syneresis
Alt2	Dilatancy
Alt3	Plasticity
Alt4	Ebullition

50	A type of flow in which viscosity increases when the substance is agitated is
Alt1	Plastic
Alt2	Pseudoplastic
Alt3	Dilatant
Alt4	Thixotropic

51	Water resistance of glass containers are tested by measuring
Alt1	Amount to alkali released into water
Alt2	Amount of acid released into water
Alt3	Estimation of silicate levels
Alt4	Turbidity

52	Sigma blade mixers are commonly used in
Alt1	Wet granulation
Alt2	Dry granulation

Alt3	Powder mixing
Alt4	Crude fibre mixing

53	Gamma-globulin is separated from serum by
Alt1	Agglutination
Alt2	Dialysis
Alt3	Centrifugation
Alt4	Salting out

54	As per GMP permitted limit of solid contents in water for injection is
Alt1	100ppm
Alt2	1.0ppm
Alt3	0.1ppm
Alt4	10.0ppm

55	Benorylate is a prodrug, chemically it is polymeric condensation product of
Alt1	Aluminium oxide and aspirin
Alt2	An acetyl salicylic ester of phenol
Alt3	An acetyl salicylic ester of paracetamol
Alt4	An acetyl salicylic ester of β -naphthol

56	One nanometer (nm) is equal to
Alt1	1010 cm
Alt2	10-4 cm
Alt3	10-7 cm
Alt4	10-8 cm

57	For drying blood plasma the following technique is used
Alt1	Spray drying
Alt2	Freeze drying
Alt3	Vacuum drying
Alt4	Fluid bed drying

58	The HLB value of sodium lauryl sulphate is
Alt1	6.5
Alt2	13.8
Alt3	25
Alt4	40

59	Flow rate of granules from the hopper can be improved by adding
Alt1	Disinfectant
Alt2	Glidant
Alt3	Binder
Alt4	Lubricant

60	Polyoxy ethylene sorbitan esters of fatty acids are known as
Alt1	Spans

Alt2	Witeposal
Alt3	Cabopal
Alt4	Tweens

61	An inert gas filled into container of parenteral product to prevent the air oxidation is
Alt1	Argon
Alt2	Helium
Alt3	Neon
Alt4	Nitrogen

62	Dose dumping is a problem in the formulation of
Alt1	Compressed tablets
Alt2	Suppositories
Alt3	Soft gelatin capsules
Alt4	Controlled release drug products

63	Carbo wax is an example of
Alt1	Hydrocarbon base
Alt2	Modern base
Alt3	Cream base
Alt4	Water soluble base

64	An agent which has an ability to retain moisture in formulation and prevents the drying is called as
Alt1	Preservative
Alt2	Tincture
Alt3	Elixir
Alt4	Hemectant

65	Water number of a formulation can be increased by addition of
Alt1	Alcohol
Alt2	Surfactant
Alt3	Emulsion
Alt4	Glycerine

66	Pralidoxime acts as an antidote in
Alt1	Plant poisoning
Alt2	scorpion bite
Alt3	organophosphorous
Alt4	snake bite

67	Metronidazole is chemically known as
Alt1	2-methyl-5 nitro-imidazole-1-ethanol
Alt2	2-methyl-5 nitro-imidazole-1-methanol
Alt3	2-ethyl-5- nitro-imidazole-1-ethanol
Alt4	2-propyl-5 nitro-imidazole-1-ethanol

68	Ingredient used in the solution of haemodialysis and peritoneal dialysis is
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Alt1	EDTA
Alt2	2MgO 3SiO ₂ .3H ₂ O
Alt3	Calcium acetate
Alt4	Zinc oxide

69	The antitussive alkaloid of opium is
Alt1	Papaverine
Alt2	Morphine
Alt3	Coniine
Alt4	Codeine

70	Strong lead sub acetate solution is generally known as
Alt1	Grignard's reagent
Alt2	Hager's reagent
Alt3	Goulard's solution
Alt4	Shinoda reagent

71	Avermectin is a lactone antibiotic obtained from <i>Streptomyces avermitilis</i> used to treat
Alt1	Malaria
Alt2	Filariasis
Alt3	Diabetes
Alt4	Amoebiasis

72	Drug inspector should inspect a premises licensed for the sale of drug atleast
Alt1	One time per year
Alt2	Two time per year
Alt3	three time per year
Alt4	Whenever problem arised

73	Fennel is a orthospermous fruit contains
Alt1	four vittae
Alt2	five vittae
Alt3	six vittae
Alt4	three vittae

74	Sennoside D is a
Alt1	Meso isomer
Alt2	Trans isomer
Alt3	Cis isomer
Alt4	Racemic mixture

75	Treatment of condensed tannins with acids or enzymes produces
Alt1	Catechins
Alt2	Chlorogenic acid
Alt3	Phlobaphene
Alt4	Phenolic acid

76	The main colouring matter of turmeric is
Alt1	Diferuloylmethane
Alt2	Dicaffeoylmethane
Alt3	Dihydrocurcumin
Alt4	Coumarins

77	Opium alkaloids occur in combination with
Alt1	Pthalic acid
Alt2	Opaic acid
Alt3	Meconic acid
Alt4	Chlorogenic acid

78	A true alkaloid has a nitrogen atom as a part of
Alt1	side chain
Alt2	Bound form
Alt3	Heterocyclic system
Alt4	Homocyclic system

79	Dog senna is an adulterant of senna which is obtained from
Alt1	Cassia auriculata
Alt2	Cassia obovata
Alt3	Cassia fistula
Alt4	Cassia cinnamon

80	The Central Drugs Laboratory is established at
Alt1	Calcutta
Alt2	Lucknow
Alt3	Mumbai
Alt4	Kasauli

81	In potentiometer the current passing at the balance point is
Alt1	High
Alt2	Low
Alt3	Medium
Alt4	Zero

82	Gradual rising in current in polarographic titration is called as
Alt1	Weak current
Alt2	Higher current
Alt3	Total current
Alt4	Residual current

83	Precursor for the biosynthesis of tropane alkaloids is
Alt1	Leucine
Alt2	Lysine
Alt3	Ornithine
Alt4	Tyrosine

84	Choose the correct pH of the lachrymal fluid
Alt1	8
Alt2	6.2
Alt3	7.4
Alt4	9

85	In the preparation of multilayer tablets one of the substances listed is used for hydrophilic matrix coating
Alt1	Carboxy methyl cellulose
Alt2	Shellac
Alt3	Stearyl alcohol
Alt4	Bees wax

86	HLB system is used to classify
Alt1	Surfactants
Alt2	Preservatives
Alt3	Antioxidants
Alt4	Sequestering agents

87	Which one of the following route of administration does not have an absorption phase?
Alt1	subcutaneous
Alt2	intramuscular
Alt3	intravenous
Alt4	sublingual

88	Progestin is included in the regimen for HRT to prevent which of the following adverse effects?
Alt1	Breast cancer
Alt2	Endometrial cancer
Alt3	Myocardial infarction
Alt4	Stroke

89	Preferred method of sterilization for mineral oil is
Alt1	Autoclaving
Alt2	Filtration
Alt3	Gaseous sterilization
Alt4	Dry heat sterilization

90	Dragendorff's reagent doesnot give a positive test with
Alt1	Emetine
Alt2	Morphine
Alt3	Caffeine
Alt4	Codeine

91	Bloom strength is used to check the quality of
Alt1	Lactose
Alt2	Ampoules

Alt3	Hardness of tablets
Alt4	Gelatin

92	Measurement of inulin renal clearance is a measure for
Alt1	Effective renal blood flow
Alt2	Renal drug excretion rate
Alt3	Active renal secretion
Alt4	Glomerular filtration rate

93	Rocky Mountain Spotted fever is caused by
Alt1	Virus
Alt2	Rickettsia
Alt3	Bacteria
Alt4	Amoeba

94	Which of the following Schedules denotes shelf life of drugs?
Alt1	Schedule F
Alt2	Schedule M
Alt3	Schedule G
Alt4	Schedule P

95	Which one of the following compounds is useful for the stimulation of cell division and release of lateral bud dormancy?
Alt1	Zeatin
Alt2	2,4-Dichlorophenoxyacetic acid
Alt3	Indoleacetic acid
Alt4	Picloram

96	Bacillus Calmette Guerin Vaccine is
Alt1	Suspension of living cells of a strain of Mycobacterium tuberculosis
Alt2	(Suspension of living cells of a strain of Bordetella pertusis
Alt3	Suspension of living cells of a strain of Salmonella typhi
Alt4	Suspension of living cells of a strain of Vibrio cholerae

97	In the distillation still for the preparation of water for injection, the purpose of fitting baffles is
Alt1	To prevent excessive concentration of salts
Alt2	To remove sulphur dioxide
Alt3	To make it free from carbon dioxide
Alt4	To prevent the entry of pyrogens in the distillate

98	The first edition of Indian Pharmacopoeia was published in
Alt1	1955
Alt2	1966
Alt3	1954
Alt4	1968

99	The colour code for Oxygen cylinder is
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Alt1	Cylinder shoulder painted white and the rest painted black
Alt2	Cylinder shoulder painted black and the rest painted white
Alt3	Cylinder shoulder painted grey and the rest painted blue
Alt4	Cylinder shoulder painted blue and the rest painted grey

100	Volume of 95% alcohol required to prepare 500 mL of 20% alcohol is:
Alt1	80 ml
Alt2	50 ml
Alt3	105 ml
Alt4	150 ml