

**M. Pharmacy Entrance Examination  
Institute of Pharmaceutical Research  
GLA University, Mathura (U. P.)**

Time: 60 min

Max Marks: 45

- Q.1 Yohimbine is the selective antagonist for-
- a)  $\alpha_1$             b)  $\alpha_2$             c)  $\beta_2$             d) none
- Q.2 Cheese reaction are commonly seen in
- a) Phenytoin    b) Barbiturates            c) Nitrares    d) MAOI
- Q.3 Which of the NSAIDs is not safe during Pregnancy?
- a) Aspirin    b) Paracetamol            c) Ibuprofen    d) None
- Q.4 Which of the following is/are suppository bases-
- a) Cocoa butter    b) Cotmar    c) Wecobee R            d) All of the above
- Q.5 Which of the following is an ulcer protective drugs
- a) Nitrates            b) omeprazole            C) Ranitidine            d) Sucralfate
- Q.6 Which of the following drugs is an leukotriene anta gonist
- c) Ketotiffin            b) Salbutamol            c) Montelukast            d) None
- Q.7 Which of the anti cholinergic drugs used in the treatment of alzhemier
- a) Atropine            b) Hyocine            c) Tacrine            d) All of them
- Q.8 Digitalis belongs to the family-
- a) Solanaceae            b) Malvaceae    c) Zingiberaceae            d) None of these
- Q.9 Asafoetida belongs to-
- a) Resin            b) Carbohydrates            c) Alkaloids            d) All of these
- Q.10 Botanical name of Vach is
- a) Panax ginseng    b) Rheum emodi    c) Acorus calamus            d) Asparagus racemosus
- Q.11 One nanometer is equal to –
- a)  $10^9$  cm            b)  $10^{-4}$  cm            c)  $10^{-7}$  cm            d)  $10^{-8}$  cm
- Q.12 Which of the anticholinergic drug is more potent than Atropine?

- a) Dicyclomine      b) Tropicamide      c) Propanthelene      d) Hyoscine
- Q.13 Which of the antihypertensive drugs is used topically to treat alopecia?  
a) Hydralazine      b) Prazocin      c) Minoxidil      d) None
- Q.14 Primary site of action of Thiazide diuretics is  
a) Proximal tubule b) Ascending loop of Henle c) Cortical diluting segment d) Collecting duct
- Q.15 Particle size from air suspension-  
a) 1-5000  $\mu\text{m}$  b) 5-5000  $\mu\text{m}$  c) 35-5000  $\mu\text{m}$  d) 600  $\mu\text{m}$
- Q.16 Polyphenols are-  
a) Umbelliferae      b) Liliaceae      c) Solanaceae      d) Tannin
- Q.17 Removal of small amounts of water from solid by application of heat, is known as-  
a) Evaporation,      b) Drying,      c) Distillation,      d) Charring
- Q.18 Vasaka is a:  
a) Indole alkaloid      b) Quinazoline alkaloid      c) Purine alkaloid      d) None of these
- Q.19 Alkaloidal drugs give positive respond to:  
a) Hager's test      b) Wagner's test      c) Mayer's test      d) All of these
- Q.20 Vinblastine and Vincristine are the chemical constituents of :  
a) Ephedra      b) Ginseng      c) Vinca      d) Rhubarb
- Q.21 Factors affecting diffusion current in Polarography can be denoted by-  
a) Nernst equation b) Lambert's law c) Ilkovic equation d) Mark-Houwink equation
- Q.22 Which of the following hetero nucleus present in Phentolamine?  
a) Pyridine      b) Piperidine      c) Pyrazine      d) Imidazole
- Q.23 The UV-visible region in the electromagnetic spectrum of radiation is-  
a) 200-400 nm      b) 300-660 nm      c) 400-800 nm      d) 200-800 nm
- Q.24 Belladonna poisoning is best treated with  
a) Neostigmine      b) Physostigmine      c) Adrenaline      d) Acetylcholine
- Q.25 Valproic acid is most useful in  
a) Depression      b) Epilepsy      c) Hypertension      d) Parkinson

- Q.26 The following drugs are an inhibitor of gastric mucosal proton pump.  
a) Sucralfate b) Famotidine c) Carbenoxolone sodium d) Lansoprazole
- Q.28 If the angle of repose of given powder is between  $30^{\circ}$ - $40^{\circ}$ , the type of flow is-  
a) Excellent b) Good c) Passable d) Very poor
- Q.29 *Ocimum sanctum* is a botanical name of:  
a) Tulsi b) Neem c) Kurchi d) Senna
- Q.30 Ephedrine is the chemical constituent of :  
a) Opium b) Ginger c) Ephedra d) None of these
- Q.31 *Datura* belongs to:  
a) Glycoside b) Alkaloid c) Volatile oil d) Tannin
- Q.32 Diazepam is chemically classified as-  
a) Benzodiazepine b) Arylalkanolamine c) Iminostilbene d) Benzoimidazole
- Q.33 Castor oil is used for  
a) Constipation b) Diarrhoea c) Peptic Ulcer d) None
- Q.34 The most frequently adverse effects of Tetracycline in Children is  
a) Teeth discoloration b) Curly hair c) Gray baby syndrome d) none
- Q.35 Which of the following is a natural source originated anti cancer drugs  
a) Vincristine b) Ifosfamide c) Metotriaxate d) None
- Q.37 Mottling is referred to-  
a) Colour b) Shape c) Flavour d) Sweetening agent
- Q.38 Hardness of tablet is measured by-  
a) The Pfizer tester b) Erweka tester c) Schleuniger tests d) All of the above
- Q.39 Vitali-morin test is a chemical test of :  
a) Belladonna b) *Datura* c) Stramonium d) All of these
- Q.41 Baljet test is the chemical test of-  
a) Umbelliferae b) Cardienolides c) Solanaceae d) None of these
- Q.42 Selective antidote for Morphine poisoning

- a) Nalorphine   b) Nalbuphine   c) Naltrexone   d) Naloxone
- Q.43 Domperidone act through
- a) D1 Receptor   b) D2 Receptor   c) Both   d) None
- Q.44 Dimercaprol is the selective antidote for
- a) Mercury poisoning   b) Lead   c) Both   d) none
- Q.45 Which of the following is the most effective sun-screen?
- a) PABA   b) Titanium dioxide   c) Methyl Salicylate   d) Baby oil