

## MODEL PAPER – I

## Part-I: General Knowledge

**Q1. Which of the following was the first metal used by man?**

- (a) Copper (b) Silver (c) Bronze (d) Brass

**Q2. Which Mughal king tried to stop the practice of Sati?**

- (a) Akabar (b) Humayun (c) Shahjahan (d) Aurangzeb

**Q3. The Sultan of Delhi, who is reputed to have built the biggest network of canals in India was**

- (a) Iltutmish (b) Ghiyas-ud- din - Tughlaq (c) Firoze Shah Tughlaq (d) Sikandar Lodi

**Q4. Which caves is a network of sculpted caves located in Mumbai harbour?**

- (a) Ajanta (b) Ellora (c) Elephanta (d) Khajuraho

**Q5. The Panama canal links**

- (a) Pacific and Atlantic Ocean (b) Atlantic & Arctic Ocean  
(c) Pacific and Indian Ocean (d) Antarctic & Atlantic Ocean

**Q6. India is developing Chabahar port in which of the following countries?**

- (a) Iraq (b) Oman (c) Iran (d) Pakistan

**Q7. Who is the author of the book 'The White Tiger'?**

- (a) R K Narayan (b) Aravind Adiga (c) Vikram Seth (d) Arundhati Roy

**Q8. Kisan Diwas (Farmer's Day) is observed on?**

- (a) 23rd December (b) 15th July (c) 14rd December (d) 1st May

**Q9. The world economic report is published by?**

- (a) World bank (b) UNDP (c) IMF (d) UNCTAD

**Q10. Eutrophication**

- (a) Is a normal process that converts dry land into marshes.  
(b) Is slowed by the presence of Phosphate and Nitrate fertilisers.  
(c) Is characterised by an excess amount of oxygen in large bodies of water.  
(d) Is characterised by a rapid enrichment of water body with minerals and nutrients.

**Q11. Which of the following is not a Directive Principle of the State Policy?**

- (a) To raise the level of nutrition. (b) To develop a scientific temper.  
(c) To promote economic interests of weaker sections. (d) To separate the judiciary from the executive.

**Q12. MALABAR is a Naval exercise between India and**

- (a) Singapore (b) USA (c) China (d) Britain

**Q13. In a pressure cooker, cooking is faster because the increase in vapour pressure**

- (a) Increase the specific heat (b) Decrease the specific heat  
(c) Decrease the boiling point (d) Increase the boiling point

**Q14. In 1991, India's first indigenous super computer named.....was developed by Vijay Bhatkar.**

- (a) Prayag 400 (b) Pragati 5000 (c) Param 8000 (d) Prabhas 6000

**Q15. A data warehouse is always**

- (a) Subject Oriented (b) Object Oriented  
(c) programme Oriented (d) Compiler Oriented

**Q16. Jallikattu is associated with which Indian festival?**

- (a) Onam (b) Pongal (c) Biku (d) Hornbill

**Q17. Which of the following countries have an unwritten constitution?**

- (a) USA (b) UK (c) Iran (d) Pakistan

**Q18. Supernova is**

- (a) Comet (b) Asteroid (c) Exploding Star (d) Black Hole

**Q19. The largest tiger reserve in India is**

- (a) Pench (b) Manas (c) Nagarjun (d) Corbett

**Q20. Sahara is located in which part of Africa?**

- (a) Eastern (b) Western (c) Northern (d) Southern

**Q21. Which among the following comes under the primary sector of Indian economy?**

(a) Sugar Industry (b) Dairy (c) Banking (d) Transport of goods

**Q22. As we go from equator to North Pole, the value of 'g' (the acceleration due to gravity)**

(a) Remains the same (b) decreases (c) Increases (d) None of the above

**Q23. Ozone layer above the surface of earth provides a shield against?**

(a) X-rays (b) Ultra violet rays (c) Gamma rays (d) Infra-red rays

**Q24. Which foreign country is closest to Andaman Islands?**

(a) Srilanka (b) Myanmar (c) Indonesia (d) Pakistan

**Q25. Fiscal policy is connected with**

(a) Issue of currency (b) Exports and Imports

(c) Public revenue & expenditure (d) None of above

1-a	2-d	3-c	4-c	5-a	6-c	7-b	8-a	9-c	10-d
11-b	12-b	13-d	14-c	15-a	16-b	17-b	18-c	19-c	20-c
21-b	22-c	23-b	24-b	25-c					

## Part-I: English

**Directions** Read the passage below and answer the questions that follow:

No one can look back on his schooldays and say with truth that they were altogether unhappy. I have good memories of Oak Grove's, among a horde of bad ones, Sometimes on summer afternoons there were wonderful expeditions across the Duns to a village called Tsango Gap, or to Birchha lake, where one bathed dangerously among the boulders and came home covered with cuts. And there were still more wonderful mid summer evenings, when as a special treat, we were not driven off to bed as usual but allowed to wander about the grounds in the long twilight, ending up with a plunge into a swimming bathe at about nine o' clock. There was a joy of waking early on summer mornings and getting in an hour's undisturbed reading (Premchand, Ruskin Bond, HG Wells, Anton Chekhov were the favourite authors of my childhood) in the sunlit sleeping dormitory. There was also cricket, which I was no good at but with which I conducted a sort of hopeless love affair upto the age of about eighteen. And there was the pleasure of keeping caterpillars- the silky green and purple puss-moth specimen of which could be illicitly purchased for six paise at a shop in the town- and, when one could escape long enough from the master who was talking the walk' there was the excitement of dredging the dew ponds on the Duns for the enormous newts with orange coloured bellies. The business of being out for a walk, coming across something of fascinating interest and then being dragged away from it by a yell from the master, like a dog jerked onwards by the leash, is an important feature of school life and helps to build up the conviction, so strong in many children, that the things you most want to do are always unattainable.

**Q26. We can infer that the author was a**

(a) disobedient student (b) lonely child

(c) mischievous boy (d) studious boy

**Q27. Why does writer call cricket a hopeless affair?**

(a) He was forced to give it up (b) He did not play it at all

(c) He played it secretly (d) He tried hard to learn

**Q28. "Where one bathed dangerously". Why the writer call bathing dangerous?**

(a) They were punished later (b) There were snakes in the water

(c) The boulders gave them bruises (d) The water was too deep

**Q29. What is the 'moral' the boy draws from his childhood experiences ?**

(a) Things you enjoy doing are always unreachable (b) Only do the things that masters tell you to

(c) Do not walk alone in the grounds (d) Do not collect insects like caterpillars

**Q30. Which of the following the boys not do on summer mornings ?**

(a) Read in bed (b) Play cricket (c) Sleep until late (d) Collect caterpillar

**Directions:** In the following questions, some part of the sentences have errors and some are correct. Find out which part of a sentence has error. The number of that part is the answer. If a sentence is free from error, your answer is "No error".

Q31. A senior doctor (a)/ expressed concern (b)/ about physician's recommended the vaccine (c) / No error (d)

Q32. "The Arabian Nights" (a)/ are indeed (b)/ an interesting book (c)/ No error (d)

Q33. A chill wind blew (a)/ and icy fingers of death (b) /crept up my spine (c) / No error (d)

Q34. They dreamed of a society (a) /where everyone (b) were equal (c) / No error (d)

Q35. Her behavior (a)/ around him (b) /was little oddly (c) No error (d)

**Directions: In these questions, out of the four alternatives, choose the one which expresses the meaning of the word given in the bold.**

**Q36. Loquacious**

(a) talkative (b) slow (c) content (d) unclear

**Q37. Bliss**

(a) pleasure (b) fantasy (c) happiness (d) laughter

**Q38. Labyrinth**

(a) meandering (b) rotating (c) pacing (d) wriggling

**Q39. Conscientious**

(a) concentrated (b) honest (c) scientific (d) false

**Q40. Fustian**

(a) unpretentious (b) timid (c) arrogant (d) courteous

**Directions: In the questions, four alternatives are given for the Idiom / Phrase in 'bold'. Choose the alternative which best expresses the meaning of the idioms / phrase given in bold.**

**Q41. to show a clean pair of heels**

(a) to hide (b) to escape (c) to pursue (d) to follow

**Q42. a little gush of gratitude**

(a) gradual recovery (b) friendly feeling (c) excessive labour (d) excessive enthusiasm

**Q43. to get wind**

(a) to forget (b) come to know (c) to tell (d) to meet

**Q44. a man of straw**

(a) a unreasonable person (b) a man of no substance (c) a very active person (d) a worthy fellow

**Q45. was plain sailing**

(a) was very easy (b) was complicated (c) was competitive (d) was uncomfortable

**Directions: In this questions, out of four alternative choose the one which can be substituted for the given words/ sentences.**

**Q46. A person very reserved in speech**

(a) confident (b) reticent (c) eloquent (d) adamant

**Q47. Free from punishment**

(a) posterity (b) stoicism (c) impunity (d) wrath

**Q48. A person who devotes his/her life for the welfare of others**

(a) altruist (b) hermit (c) volunteer (d) martyr

**Q49. Excessive desire to work**

(a) ergomania (b) idolomania (c) islomania (d) ethnomania

**Q50. Speaking with stammer or lips**

(a) melliloquent (b) dentiloquent (c) fatiloquent (d) stuttering

26-c	27-d	28-c	29-a	30-c	31-c	32-b	33-c	34-c	35-c
36-a	37-c	38-a	39-b	40-c	41-a	42-b	43-b	44-b	45-a
46-b	47-c	48-a	49-a	50-d					

## Part-II: Pharmacy I

**Q1. The chemical name of vitamin C is**

(a) Ascorbic acid (b) Benzoic acid (c) Maleic acid (d) None of the above

**Q2. Caustic soda is synonym of**

(a) NaOH (b) HCl (c) CaCO<sub>2</sub> (d) I<sub>2</sub>

**Q3. All are essential amino acid except**

(a) Leucine (b) Lysine (c) Phenylalanine (d) Tyrosine

**Q4. Ibuprofen is a**

- (a) 2-(4-Propylphenyl) propionic acid      (b) 2-(4-Isobutylphenyl) propionic acid  
 (c) 2-(4-Ethylphenyl) propionic acid      (d) 2-(4-Hexylphenyl) propionic acid

**Q5. Multiple form of same enzyme are called**

- (a) Coenzymes    (b) Apoenzymes    (c) Isoenzymes    (d) Holoenzymes

**Q6. The normal blood pH is**

- (a) 5.5 - 6.5      (d) 8.8 - 9.6      (c) 7.35 - 7.45    (d) 2.35 - 3.78

**Q7. The body fluids found within cells is called**

- (a) Plasma      (b) Extracellular fluid      (c) Interstitial fluid      (d) Intracellular fluid

**Q8. Hepatitis is characterized by**

- (a) Inflammation of lungs      (b) Skin rashes  
 (c) Inflammation of liver      (d) Edema

**Q9. Spinal cord ends at vertebral level of**

- (a) T<sub>11</sub>T<sub>12</sub>      (b) T<sub>12</sub>L<sub>1</sub>      (c) L<sub>1</sub>L<sub>2</sub>      (d) L<sub>3</sub>L<sub>4</sub>

**Q10. Pentoses and hexoses can be distinguished by one of the following test**

- (a) Bail's test      (b) Molish test      (c) Seliwanoff's test      (d) Benzidine test

**Q11. Which of the following is not a non-communicable disease**

- (a) AIDS      (b) Chronic kidney disease      (c) Diabetes      (d) Cancer

**Q12. What are the major lymphoid organs in the body**

- (a) Peer's patch    (b) Liver    (c) Malto    (d) Lymph nodes

**Q13. Which of the following is an example of an infectious disease**

- (a) Osteoarthritis    (b) Cataract    (c) Cancer    (d) Chicken Pox

**Q14. Which of the following is used to improve medication adherence in patients with tuberculosis**

- (a) Directly Observed Therapy      (b) Regular monitoring of the patient  
 (c) Simplification of the regimen      (d) Clinical treatment

**Q15. The first step of patient counselling after meeting the patient is**

- (a) To evaluate the patient's knowledge of medicines  
 (b) Introduction  
 (c) To discuss the information required by the patient  
 (d) To tell about medicines and their importance

**Q16. What is the tissue connecting muscle to bone called**

- (a) Tendon    (b) Cartilage white fibre    (c) Ligament    (d) Interstitial fluid

**Q17. Keeping disease frequency with intolerable limits is stated as**

- (a) Disease control  
 (b) Disease surveillance  
 (c) Disease prevention  
 (d) Disease eradication

**Q18. The supporting membrane that regulates the temperature and moisture of the air coming in & through the respiratory tract is**

- (a) Nasal membrane      (b) Mucous membrane  
 (c) Nasopharyngeal      (d) Alveoli

**Q19. Limit tests are conducted to**

- (a) detect the presence or absence of impurities  
 (b) quantify the impurities  
 (c) differentiate the impurities  
 (d) react with impurities we

**Q20. Dispensing of medicines would be difficult in absence of pharmacist in the following system**

- (a) Floor stock system      (b) Unit dose system  
 (c) Combination system      (d) Individual prescription order system

**Q21. One of the simplest and fastest tests used to evaluate heart function is**

- (a) PET Scan    (b) Electrocardiogram    (c) MRI Sean    (d) Total blood profile

**Q22. According to Lowry Bronsted theory Acid is**

- (a) Electron pair donor (b) Electron pair acceptor  
(c) Proton acceptor (d) Proton donor

**Q23. Tuberculosis is diagnosed by**

- (a) Widal Test (b) ELISA Test (c) Mantoux test (d) Alerts Method

**Q24. The antifungal drug, fluconazole belongs to the class of**

- (a) Pyridine (b) Azoles (c) Pyrimidines (d) Acridines

**Q25. Potassium permanganate is a powerful**

- (a) Oxidizing agent (b) Reducing agent (c) Catalytic agent (d) Mixing agent

1-a	2-a	3-d	4-b	5-c	6-c	7-d	8-c	9-c	10-a
11-a	12-d	13-d	14-a	15-c	16-a	17-c	18-a	19-a	20-d
21-b	22-d	23-c	24-b	25-a					

## Part-II: Pharmacy II

**Q26. In which of the following is the antimicrobial agent bactericidal in nature?**

- (a) Chloramphenicol (b) Erythromycin (c) Cephalosporins (d) Ethambutol

**Q27. What is the minimum area which is required to start a retail drug store?**

- (a) 50 sq. Meter (b) 10 sq. Meter (c) 30 sq. Meter (d) 100 sq. Meter

**Q28. When doses of a drug are repeated in quick succession, a reduction in response occurs which is called**

- (a) Tachyphylaxis (b) Drug resistance (c) Acquired tolerance (d) Idiosyncrasy

**Q29. According to Drugs and Cosmetics Act, List of substances that should be sold by retail only on prescription of registered medical practitioner is given in which of the following Schedule**

- (a) Schedule H (b) Schedule V (c) Schedule X (d) Schedule Q

**Q30. Pyridoxine is administered with isoniazid to minimize the**

- (a) Hepatototoxicity (b) Allergic reaction (c) Neurotoxicity (d) Nephrotoxicity

**Q31. Infantile myoclonus is best treated with**

- (a) Clonazepam (b) Diazepam (c) Phenytoin (d) Phenobarbitone

**Q32. Coca, Opium and Hemp comes under**

- (a) Dangerous Drug Act (b) Poison Act  
(c) Drug and Cosmetic Act (d) None of these

**Q33. The volume of distribution (Vd) relates**

- (a) Single to a daily dose of an administered drug  
(b) An administered dose to a body weight  
(c) An uncharged drug reaching the systemic circulation  
(d) The amount of a drug in the body to the concentration of a drug in plasma

**Q34. Penicillin-G is**

- (a) Aminopenicillin (b) Carboxypenicillin  
(c) Benzylpenicillin (d) Phenoxymethylpenicillin

**Q35. \_\_\_\_\_ are drugs which treat rhinitis and other allergic conditions**

- (a) Antimicrobial agents (b) Amphetamine  
(c) Penicillamine (d) Antihistamines

**Q36. Phenformin withdrawn was worldwide owing to high risk of**

- (a) Lactic acidosis (b) Lactic alkalosis (c) Keto acidosis (d) Keto alkalosis

**Q37. Which drug is an HIV protease inhibitor**

- (a) Delavirdine (b) Acyclovir (c) Nevirapine (d) Lopinavir

**Q38. \_\_\_\_\_ is the space required for a hospital pharmacy in a 200-bedded hospital**

- (a) 1200 sq.ft (b) 630 sq.ft (c) 205 sq.ft (d) 420 sq.ft

**Q39. In ABC analyses, the A items are**

- (a) 10%-20% of items and 70%-80% of the expenditures.

- (b) 1% -2% of items and 70%-80% of the expenditures  
 (c) 10%-20% of items and 90%-95% of the expenditures  
 (d) 1% -2% of items and 90% 95% of the expenditures

**Q40. The version of GMP in India that describe requirement of factory premises for manufacture of cosmetics**

- (a) Schedule-M (b) Schedule-M III (c) Schedule-M II (d) Schedule -MI

**Q41. One of the ex-officio members of the Pharmacy Council of India is**

- (a) Director General of Health Services  
 (b) Government Analyst  
 (c) Registrar of the State Pharmacy Council  
 (d) Director General of veterinary Research Institute

**Q42. Which of the following drugs possesses Antiplatelet effects**

- (a) Erythropoietin (b) Urokinase (c) Desmopressin (d) Clopidogrel

**Q43. Materials management refers to:**

- (a) Drug storage (b) Inventory control  
 (c) Drug procurement process (d) All the above

**Q44. The retailer in pharmaceutical trade is known as:**

- (a) Chemist (b) Pharmacist  
 (c) Both (a) & (b) (d) Distributor

**Q45. Which of the following is used for recording sales of goods on credit**

- (a) Purchase journal (b) Sales journal  
 (c) Sales returns journal (d) None

**Q46. A book of original entry is**

- (a) Ledger (b) Journal (c) Cash book (d) None

**Q47. In a drug store, the expiry dated drug formulations are called**

- (a) Scrap items (b) Surplus items (c) Obsolete items (d) Dormant materials

**Q48. Unit-dose dispensing system is used for**

- (a) In-patient (b) Out-patient  
 (c) Both in & out patient (d) Emergency patients

**Q49. As per the Drugs and Cosmetics Act-1940, if a drug is not labelled in prescribed manner, it is a**

- (a) Spurious drug (b) Substandard drug  
 (c) Adulterated drug (d) Misbranded drug

**Q50. Which among the following method is associated with drug distribution**

- (a) Individual prescription Order method  
 (b) Unit Dose Drug Distribution Method  
 (c) Drug Basket Method  
 (d) All of these

26-c	27-b	28-a	29-a	30-c	31-a	32-a	33-d	34-c	35-d
36-a	37-d	38-a	39-a	40-c	41-a	42-d	43-a	44-c	45-b
46-a	47-c	48-a	49-d	50-d					

PHARMACY INDIA