PHB





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TEST SCHEDULE (TEST -2)			
1. TEST DATE:	29-10-2023		
2. TEST PATTERN:	MCQ		
3. TEST TIMING:	6:00 – 8:00 PM		
4. MODE OF TEST:	ONLINE		
5. SUBJECTS & TOPIC COVERED			
A. Pharmacology:	General Pharmacology		
B. Biochemistry & Clinical Pathology: Introduction to Biochemistry, Carbohydrates			
C. Pharmacotherapeutics: Introduction of Pharmacotherapeutics			
D. Hospital & Clinical Pharmacy: Introduction of Hospital Pharmacy			

Test -2 QP

PHARMACOLOGY (15 Questions) 6. Drugs are injected directly into a joint for the treatment of arthritis and other diseases of the joints 1.is the study of the effects of by route. the drugs on the body and their mechanisms of A. INTRA-PERITONEAL action, i.e. what the drug does to the body. **B. INTRA-THECAL** A. Pharmacokinetics C. INTRA-ARTICULAR B. Pharmacodynamics D. INTRAMEDULLARY C. Therapeutics 7. Which drug is placed under the tongue. It D. Chemotherapy dissolves in the saliva and the drug is absorbed 2. Which is/are the natural source of drug? across the sublingual mucosa? A. Animals A. Nitroglycerine **B.** Minerals B. Nifedipine C. Microorganisms C. Buprenorphine D. Human D. All of the above E. All of the above 8. A prodrug crosses the blood-brain barrier and is 3. Which synthetic drug obtained by hybridoma then converted to dopamine in the CNS. technique? A. Dopamine A. Quinolones B. Adrenaline B. Urokinase C. Levodopa C. Human insulin D. Carbidopa D. Monoclonal antibodies 9. The transfer of drugs against a concentration 4. Iontophoresis is a gradient and needs energy. It is carried by a specific A. Transmucosal Route carrier protein. **B.** Topical Route A. Simple diffusion C. Intraperitoneal Route B. Active transport **D.** Transdermal Route C. Facilitated diffusion 5. What is/are the reason to develop enteric coated D. Endocytosis tablet? **10.** The protein binding extent of warfarin drug is: A. Prevent gastric irritation A. 50% B. Avoid destruction of the drug by the stomach B. 30% C. Provide higher concentration of the drug in the C. 70% small intestine D. 99% D. All of the above

11. Which is /are the parenteral routes?	BIOCHEMISTRY & CLINICAL PATHOLOGY (15 Questions)
A. Transdermal route	
B. Injections	16. Which of the following is also known as invert
C. Inhalation	sugar?
D. Transmucosal route	A. Sucrose
E. All of the above	B. Dextrose
12are phospholipids suspended in	C. Fructose
aqueous vehicles to form minute vesicles.	D. Glucose
A. Monoclonal antibodies	17. Which of the following glycosidic linkage found in
B. Osmotic pumps	maltose?
C. Computerized miniature pumps	A. Glucose (α -1 – 2 β) Fructose
D. Liposomes	B. Glucose (α1 – 4) Glucose
13. If the dose of a drug given is 500 mg and attains	C. Galactose (β1 – 4) Glucose
a uniform concentration of 10 mg in the body, its Vd	D. Glucose (β1 – 4) Glucose
will be:	18. Disaccharide consists of two monosaccharide
A. 100 liters	units held together by a bond.
B. 10 liters	A. Hydrogen
C. 50 liters	B. Phosphodiester
D. 20 liters	C. Glycosidic
14. Which is the osmotic diuretic drug?	D. Ionic
A. Magnesium sulphate	19. How many total molecules of ATP are
B. Barium sulphate	synthesized from ADP via glycolysis of a single
C. Mannitol	molecule of glucose?
D. Potassium permanganate	A. 36
15. It is a substance that binds to the receptor and	B. 4
prevents the action of agonist on the receptor. It has	C. 2
affinity but no intrinsic activity.	D. 38
A. Partial agonist	20. Which process is responsible for absorption of
B. Agonist	carbohydrates?
C. Ligand	A. Simple diffusion
D. Antagonist	B. Active transport
	C. Facilitative transport

D. both 2 and 3	B. L-Erythrose
21. Which of the following is the simplest form of	C. L-Xylose
carbohydrates?	D. L-Xylulose
A. Aldehyde and Ketone groups	27. Monosaccharides can be separated by:
B. Alcohol and Carboxyl groups	A. Electrophoresis
C. Hydroxyl groups and Hydrogen groups	B. Salting out
D. Carboxyl groups	C. Titration method
22. Which of the following are the major functions of	D. Chromatography
Carbohydrates?	28. Open chain structure of glucose does not
A. Storage	perform the test:
B. Transport Materials	A. 2,4-DNP test
C. Structural framework	B. Schiff's test
D. Both Storage and structural framework	C. Borsche's test
23. Which of the following is an example of	D. All of the above
Epimers?	29. Glucose reacts with hydroxylamine to form an:
A. Glucose and Ribose	A. n- hexane
B. Galactose, Mannose and Glucose	B. Oxime
C. Glucose and Galactose	C. Cyanohydrin
D. Glucose, Ribose and Mannose	D. Gluconic acid
24. Inulin:	30. What are the hydrolytic products of lactose?
A. Is a homopolysaccharide	A. Glucose + Fructose
B. Decreases blood glucose	B. Two molecule of Glucose
C. Is metabolized in liver	C. Glucose + Galactose
D. Is present in muscles	D. Galactose + Fructose
25. A pentose found in nucleotides is:	
A. L-Ribose	PHARMACOTHERAPEUTICS (15 Questions)
B. D-Ribose	31is the branch of
C. D-Ribulose	pharmacology that deals with drug absorption, drug
D. L-Ribulose	distribution, drug elimination, and their action/effects.
26. An L-isomer of monosaccharide formed in	
human body is:	A. Toxicology
-	

A. L-Fructose

B. Biochemistry	C. Efficacy of medicines
C. Pharmacology	D. Comparative cost-effectiveness of medicines
D. Pharmacotherapeutics	E. All of the above
32. What is Rational use of Medicines?	36. Who is the first country to prepare its Essential
A. Right drug	Medicine List?
B. Right dispensing	A. Tanzania
C. Right drug efficacy, safety, suitability	B. America
D. Patient adherence to treatment	C. Russia
E. All of the above	D. India
33. What is Significance of Evidence-based	37. Government of India prepared and released the
medicine?	first National List of Essential Medicines (NLEM) of
A. It provides cost-effective medical care.	India in
B. It helps to establish national standards of patient	A. 1968
care.	B. 1996
C. It promotes consistency of treatment and optimal	C. 1975
outcomes.	D. 1992
D. It identifies and promotes practices that work, and	38. In 2021, National List of Essential Medicines
eliminates those that are ineffective or harmful.	(NLEM) of India containing medicines.
E. All of the above	A. 209
34. The practice of evidence-based medicine	B. 399
involves non- essential steps:	C. 475
A. Finding the best evidence	D. 192
B. Converting information needs into answerable	39. Which factor are not considered for the
questions	selection of essential medicines:
C. Appraising the evidence for its non validity and	A. Efficacy, safety, and comparative cost-
usefulness	effectiveness of available medicines.
D. Applying the results of appraisal into clinical	B. Training and experience of the available
practice.	personnel.
35. An essential medicine list is prepared by	C. The medicine should not be aligned with the
considering.	current treatment guidelines for the disease.
A. Disease occurrence	D. Local availability of individual drugs.
B. Safety of medicines	

DengueFever,NationalVector BorneB. Indian council of medical researchDisease Control Programme, WHO inC. Indian council of medical representationA. 2018D. None of the above	
A. 2018 D. None of the above	
B. 2015 HOSPITAL & CLINICAL PHARMACY (15	
C. 2010 Questions)	
D. 2020 46. The practice of hospital pharmacy started in	_
41. What is the full form of RCT? India in	
A. Rational Clinical Trial A. 1945	
B. Randomised Clinical Trial B. 1941	
C. Rare Clinical Trial C. 1950	
D. Restricted Clinical Trial D. 1976	
42. An RCT in clinical research typically compares a 47. What is /are the objectives of hos	oital
proposed new treatment against an existing pharmacy?	
standard of care; these are then termed the: A. To act as a counselling department for me	lical
A. Experimental treatments staff, nurses and for patient.	
B. Control treatments B. To ensure the availability of the right medica	ion,
C. Experimental' and 'control' treatments at right time in the right dose at the mining	านท
D. None of the above possible cost.	
43. What is /are the limitation of evidence-based C. To participate in research work.	
medicine? D. To act as an information center about drugs	
A. Time-consuming E. All of the above	
B. Require access to the medical literature 48. What is /are the incorrect capability of tra	ned
C. Require some knowledge of statistics pharmaceutical personnel?	
D. All of the above A. Capable of purchasing medicine	
44. Who play the main role, to development of B. Capable of storing medicine	
standard treatment guidelines? C. Capable of handling medicine	
A. ICMR D. Capable of dispensing medicine	
B. DGHS E. Capable of writing Prescription	
C. FICCI 49. The space for hospital pharmacy depart	nent
D. All of the above should be minimum as per schedul	∍N.
45. What is the full form of ICMR?A. 250sq. Feet	

- B. 210sq. Feet
- C. 200sq. Feet
- D. 300sq. Feet
- **50.** The number of pharmacists required is Up to 100 beds:
- A. 2 Pharmacist
- B. 5 Pharmacist
- C. 3 Pharmacist
- D. 4 Pharmacist
- **51.** In a hospital, equipment/ Instrument required for sterile product/section:
- A. UV lamps
- B. Laminar flow
- C. Bacteria proof filters
- D. Aseptic cabinet
- E. All of the above
- 52. Bed capacity for medium hospital:
- A. More than 1000 bed
- B. 500 1000 bed
- C. 200 500 bed
- D. 100 200 bed
- 53. Classify the hospital on:
- A. On clinical Basis
- B. On the basis of size
- C. On the basis of cost
- D. On the basis of medicine
- E. All of the above
- 54. Which is the non-government hospital:
- A. City hospital
- B. Eye hospital
- C. Orthopedic hospital
- D. Charitable hospital

- 55. Maternity hospital comes in the:
- A. Type of disease hospital
- B. Type of organ hospital
- C. Type of patient hospital
- D. None of the above
- 56. What is the function of store branch in hospital?
- A. Receipts of stores
- B. Storage
- C. Issue of material
- D. Documentation
- E. All of the above
- 57. What is the full form of PHC?
- A. Primary health center
- B. Private health center
- C. Public health center
- D. None of the above
- 58. What is the full form of AMO?
- A. Assistant district medical officer
- B. Area district medical officer
- C. Additional district medical officer
- D. None of the above
- **59.** What is bed capacity of community health centre?
- A. 50 100
- B. 30 50
- C. 6 10
- D. 10 20
- 60. Non-profit organization is:
- A. Voluntary hospitals
- B. Private nursing home
- C. Corporate hospitals
- D. All of the above