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# TN MRB Pharmacist

**Previous Year Paper**  
**(Main Subject)**  
**27 Apr, 2023 Shift 2**



**PREVIEW QUESTION BANK**

Module Name : MRB Pharmacist-ENG

Exam Date : 27-Apr-2023 Batch : 15:45-17:45

Sr. No.	Client Question ID	Question Body and Alternatives	Marks	Negative Marks
Objective Question				
1	1	<p>One oz avoirdupois contains _____ grains.</p> <p>A : 480.2</p> <p>B : 435.7</p> <p>C : 437.5</p> <p>D : 436.7</p>	1.0	0.00
Objective Question				
2	2	<p>Hypertonic solution have _____ osmotic pressure than a body fluid.</p> <p>A : Same</p> <p>B : Low</p> <p>C : High</p> <p>D : Equal</p>	1.0	0.00
Objective Question				
3	3	<p>Size reduction is otherwise called as</p> <p>A : Cutting</p> <p>B : Compression</p> <p>C : Communion</p> <p>D : Comminution</p>	1.0	0.00
Objective Question				
4	4	<p>Which of the following mill uses the combined mechanism of impact and attrition for size reduction?</p> <p>A : Ball mill</p> <p>B : Fluid energy mill</p> <p>C : Hammer mill</p> <p>D : Both (A) and (B)</p>	1.0	0.00
Objective Question				
5	5	<p>Freeze drying of pharmaceuticals are carried out at a temperature of</p>	1.0	0.00

- A : -20 C
- B : -40 C
- C : -10 C to -40 C
- D : -10 C to -30 C

Objective Question

6	6	The operating pressure of vacuum oven is usually  A : 0.6 to 0.9 bar  B : 0.03 to 0.9 bar  C : 0.3 to 0.6 bar  D : 0.03 to 0.06 bar	1.0	0.00
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Objective Question

7	7	In sterilisation by filtration, the filter medium "Kieselguhr" is  A : Sintered ceramics  B : Fibrous pads  C : Fritted glass  D : Microporous plastics	1.0	0.00
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Objective Question

8	8	In sterilisation by radiation, the following are used as electromagnetic waves-except  A : Infra-red  B : Ultra-violet  C : X-ray  D : Alpha and Beta radiation	1.0	0.00
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Objective Question

9	9	In the formulation of tablets, acacia is used as  A : Glidants  B : Lubricants  C : Binders  D : Diluents	1.0	0.00
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Objective Question

10	10	_____ is used to increase the bulk when the proportion of medicament is very small in quantity.	1.0	0.00
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A : Lubricants

B : Glidants

C : Diluents

D : Binders

Objective Question

11	11	The Latin term for mouth wash is	1.0	0.00
		A : Auristille		
		B : Charta		
		C : Collyrium		
		D : Collutorium		

Objective Question

12	12	Cochleare magnum means	1.0	0.00
		A : One Tablespoonful		
		B : One Dessert spoonful		
		C : One Teaspoonful		
		D : One Tumblerful		

Objective Question

13	13	Cachets are the _____ form	1.0	0.00
		A : Semi solid dosage form		
		B : Liquid dosage form		
		C : Novel drug delivery system		
		D : Solid unit dosage form		

Objective Question

14	14	Tablet triturates are	1.0	0.00
		A : Moulded tablets		
		B : Enteric coated tablets		
		C : Sugar coating tablets		
		D : Film coated tablets		

Objective Question

15	15	In flocculated suspension	1.0	0.00
		A : Sediment is slowly formed		
		B : Supernatant liquid is not clear		
		C : The floccules stick to the sides of the bottle		
		D : Sediment is very closely packed		

Objective Question

16	16	Lipophilic property of Emulgent is indicated by HLB value of	1.0	0.00
		A : 8 - 18		
		B : 0 - 3		
		C : 3 - 6		
		D : 18 - 20		

Objective Question

17	17	Preservative used for jellies containing sodium carboxy methyl cellulose	1.0	0.00
		A : Benzalkonium chloride		
		B : Benzoic acid		
		C : Chlorhexidine Acetate		
		D : Chlorocresol		

Objective Question

18	18	Which ointment preparation involves chemical reaction	1.0	0.00
		A : Non staining iodine ointment		
		B : Sulphur ointment		
		C : Whitfield's ointment		
		D : Simple ointment		

Objective Question

19	19	Toxins from the blood are removed by	1.0	0.00
		A : Centrifugation method		
		B : Haemodialysis method		
		C : Ultracentrifugation method		
		D : Coulter-counter method		

Objective Question

20	20	Counting the particles with diameter below 0.1µm can be detected by _____ method	1.0	0.00
		A : Visual method		
		B : Filtration method		
		C : Coulter-counter method		
		D : Light blockage method		

Objective Question

21	21	Boric Acid is soluble in:	1.0	0.00
		A : 1 in 23 in water and 3 parts of glycerol		
		B : 1 in 25 in water and 4 parts of glycerol		
		C : 1 in 25 in water and 3 parts of glycerol		
		D : 1 in 24 in water and 4 parts of glycerol		

Objective Question

22	22	Sodium Bicarbonate is used as:	1.0	0.00
		A : Antioxidant		
		B : Protectives		
		C : Antacid		
		D : Inhalants		

Objective Question

23	23	Povidone-iodine is chemically	1.0	0.00
		A : Poly pyrrolidine		
		B : Iodine		
		C : Polyvinyl pyrrolidine and iodine		
		D : Iodine and potassium iodide		

Objective Question

24	24	The chemical formula of Borax is	1.0	0.00
		A : $Na_2S_2O_5$		
		B : $Na_2S_2O_3 \cdot 5H_2O$		
		C : $H_3BO_3$		
		D : $Na_2B_4O_7 \cdot 10H_2O$		

## Objective Question

25	25	pH of sodium bicarbonate is  A : 8.5  B : 7.5  C : 6.5  D : 5.5	1.0	0.00
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## Objective Question

26	26	Example of saline cathartics  A : Argyrol  B : Rochelle salt  C : Epsom salt  D : Seignette's salt	1.0	0.00
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## Objective Question

27	27	Barium sulphate is prepared by  A : Precipitaion of sodium sulphate by potassium chloride  B : Precipitation of sodium sulphate by sodium chloride  C : Precipitation of sodium sulphate by Barium chloride  D : Precipitation of sodium sulphate by silver chloride	1.0	0.00
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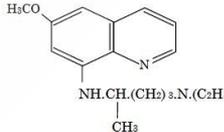
## Objective Question

28	28	What is the percentage yield of ammonia from Ammonium carbonate.  A : 10 - 14%  B : 20 - 24%  C : 15 - 20%  D : 30 - 34%	1.0	0.00
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## Objective Question

29	29	Neutral solutions of citrates, boiled with an excess of calcium chloride solution gives  A : White granular precipitate  B : Yellowish white precipitate  C : Red granular precipitate  D : Yellow granular precipitate	1.0	0.00
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Objective Question				
30	30	_____ errors are those which occur again and again in a series of determination in the analysis of a drug.	1.0	0.00
		A : Significant Error		
		B : Accidental Error		
		C : Determinate Error		
		D : Indeterminate Error		
Objective Question				
31	31	_____ is an antifungal antibiotic	1.0	0.00
		A : Griseofulvin		
		B : Penicillin G		
		C : Erythromycin		
		D : Streptomycin		
Objective Question				
32	32	Furadantin is the brand name of	1.0	0.00
		A : Nitrofurantoin		
		B : Benzalkanium chloride		
		C : Phenol		
		D : Cetrimide		
Objective Question				
33	33	Which of the following statements about aminophylline is incorrect?	1.0	0.00
		A : Used in treatment of bronchial asthma		
		B : Acts as a selective phosphodiesterase inhibitor		
		C : Combination of theophylline and ethylene diamine		
		D : Aqueous solutions become cloudy		
Objective Question				
34	34	Choose the most appropriate answer Tacrine is	1.0	0.00
		A : Anticholinestrace, reversible, acridine derivative		
		B : Anticholinestrace, irreversible, carbamate		
		C : Cholinestrace, irreversible, acridine		
		D : Cholinestrace, reversible, carbamate		

Objective Question				
35	35	<p>Emdopa is a brand name for</p> <p>A : Clonidine</p> <p>B : Nifedipine</p> <p>C : Methyl dopa</p> <p>D : Hydralazine</p>	1.0	0.00
Objective Question				
36	36	<p>a - adrenergic blocker Tolazoline is a/an</p> <p>A : Imidazoline derivative</p> <p>B : Pyridazoline derivative</p> <p>C : Quinoline derivative</p> <p>D : Oxazoline derivative</p>	1.0	0.00
Objective Question				
37	37	<p>Which of the following antineoplastic drug is more effective against proliferating cells but they are not phase specific</p> <p>A : Cisplatin</p> <p>B : Methotrexate</p> <p>C : Fluorouracil</p> <p>D : L-Asparaginase</p>	1.0	0.00
Objective Question				
38	38	<p>Identify and name the following antimalarial agent</p> <div style="text-align: center;">  </div> <p>A : Primaquine</p> <p>B : Pamaquine</p> <p>C : Amodiaquine</p> <p>D : Chloroquine</p>	1.0	0.00
Objective Question				
39	39	<p>Naturally occurring (or) synthetic fat soluble tetracyclic compounds containing cyclo pentano perhydro phenanthrene are</p> <p>A : Antineoplastic drugs</p> <p>B : Steroidal drugs</p> <p>C : Antiepileptic drugs</p>	1.0	0.00

D : Antihypertensive drugs

Objective Question

40	40	Phenobarbitone is _____ derivative	1.0	0.00
		A : Malonic acid		
		B : Salicylic acid		
		C : Propionic acid		
		D : Barbituric acid		

Objective Question

41	41	Glycosides are condensation product of	1.0	0.00
		A : Sugars + Aglycone		
		B : Fats + Aglycone		
		C : Proteins + Aglycone		
		D : Resins + Aglycone		

Objective Question

42	42	Which crude drug is used as a diuretic	1.0	0.00
		A : Pterocarpus		
		B : Punarnava		
		C : Colchicum		
		D : Picrorhiza		

Objective Question

43	43	The deoxy sugar of digitalis is identified by	1.0	0.00
		A : Keller Kiliani's test		
		B : Baljet's test		
		C : Legal's test		
		D : Borndrager's test		

Objective Question

44	44	Gambier fluorescin is present in	1.0	0.00
		A : Black Catechu		
		B : Asafoetida		

C : Pale catechu

D : Nutmeg

Objective Question

45	45	Biological origin of deadly night shade leaf is  A : Atropa belladonna  B : Datura metel  C : Datura innoxia  D : Hyoscyamus niger	1.0	0.00
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Objective Question

46	46	Dover's powder consist of  A : Opium and Ephedra powder  B : Opium and Ipecac powder  C : Opium powder  D : Opium and colchicine powder	1.0	0.00
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Objective Question

47	47	Tobacco contains _____.  A : Quinoline alkaloids  B : Isoquinoline alkaloids  C : Steroidal alkaloids  D : Pyridine - Piperidine alkaloids	1.0	0.00
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Objective Question

48	48	Which one of the following constituent of cinchona is used to treat auricular fibrillation  A : Quinine  B : Quinidine  C : Cinchonine  D : Cinchonidine	1.0	0.00
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Objective Question

49	49	Ballooning effect when treated with ammoniacal _____ solution is observed in raw cotton fibre  A : Copper sulphide  B : Copper oxide	1.0	0.00
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C : Copper nitrate

D : Copper chloride

Objective Question

50	50	<p>_____ fibre gives black precipitate with lead acetate and caustic soda due to the presence of sulphur.</p> <p>A : Cotton</p> <p>B : Silk</p> <p>C : Wool</p> <p>D : Rayon</p>	1.0	0.00
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Objective Question

51	51	<p>Local anaesthetics act by</p> <p>A : Affecting at spinal level</p> <p>B : Affecting Na channels</p> <p>C : Affecting K channels</p> <p>D : Blocking axonal transport</p>	1.0	0.00
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Objective Question

52	52	<p>Zero order kinetics means</p> <p>A : A constant amount of drug is eliminated per unit time</p> <p>B : A constant fraction of the drug in the body is eliminated per unit time</p> <p>C : The fraction of the administered dose that reaches the systemic circulation</p> <p>D : The effect that can be increased by giving a second agent that boosts the effect of the liver enzyme system</p>	1.0	0.00
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Objective Question

53	53	<p>Dimethyl Phenyl Piperazinium (DMPP) is a</p> <p>A : Ganglionic stimulating drug</p> <p>B : Ganglionic blocking drug</p> <p>C : Neuromuscular blocking drug</p> <p>D : Adrenergic neurotransmitter</p>	1.0	0.00
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Objective Question

54	54	<p>Prostaglandin is the</p> <p>A : Amine autocoid</p>	1.0	0.00
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B : Lipid derived autocoid

C : Peptide autocoid

D : Plasmakinin

Objective Question

55	55	Adverse effect of oral iron preparation	1.0	0.00
		A : Epigastric pain		
		B : Joint pain		
		C : Palpitation		
		D : Dyspnoea		

Objective Question

56	56	What is the current therapeutic indication of acetazolamide?	1.0	0.00
		A : Renal insufficiency		
		B : Glaucoma		
		C : Cirrhosis of liver		
		D : Congestive cardiac failure		

Objective Question

57	57	Which of the following hormone is produced by thyroid gland	1.0	0.00
		A : Thyroxine		
		B : Thyroid stimulating hormone		
		C : Thyrotropine - Releasing hormone		
		D : Thyroglobulin		

Objective Question

58	58	Which of the following organ is a target for prolactin?	1.0	0.00
		A : Liver		
		B : Adrenal cortex		
		C : Thyroid		
		D : Mammary gland		

Objective Question

59	59	Anti fungal antibiotic is	1.0	0.00
		A : Prazosin		

B : Amphotericin B

C : Nifedipine

D : Felodipine

Objective Question

60	60	Which of the following anti tubercular drug is used in the treatment of leprosy?  A : Rifampin  B : Diazepam  C : Tubocurarine  D : Dantrolene sodium	1.0	0.00
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Objective Question

61	61	The activities of PHC (Primary Health Centre) involves the following except  A : Primitive  B : Preventive  C : Curative and family welfare services  D : Alma mater	1.0	0.00
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Objective Question

62	62	Number of pharmacists required in a hospital upto 300 beds.  A : 5  B : 15  C : 10  D : 8	1.0	0.00
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Objective Question

63	63	Mobile dispensing methods belong to :  A : Outpatient  B : Inpatient  C : Charged floor stock system  D : Non charged floor stock system	1.0	0.00
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Objective Question

64	64	High - efficiency particulate air (HEPA) filters are able to filter the particles at :	1.0	0.00
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		A : 99.96%		
		B : 99.97%		
		C : 99.99%		
		D : 99.98%		

Objective Question

65	65	ESR stands for	1.0	0.00
		A : Emulsion sedimentation rate		
		B : Electrolyte sedimentation rate		
		C : Erythrocyte sedimentation rate		
		D : Estimation solid rate		

Objective Question

66	66	The comparison of bio availability between two dosage forms	1.0	0.00
		A : Bio equivalence		
		B : Bio availability		
		C : Bio pharmaceuticals		
		D : Biological		

Objective Question

67	67	What is the following statement, which means "Use of drug by self medication in a manner and amount, that deviates from the approved medical and social patterns" in a given culture at a given time.	1.0	0.00
		A : Drug addiction		
		B : Drug abuse		
		C : Drug habituation		
		D : Drug withdrawal reactions		

Objective Question

68	68	Prevention of cancer by using these vitamins except	1.0	0.00
		A : Vitamin E		
		B : Vitamin C		
		C : $\beta$ -carotene		
		D : Vitamin K		

Objective Question

69	69		1.0	0.00
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		Domestic trade is also known as		
		A : Home trade		
		B : International trade		
		C : Export trade		
		D : Import trade		

Objective Question

70	70	Function of commerce establishes the contact between	1.0	0.00
		A : Buyer and seller		
		B : Sellers		
		C : Buyers		
		D : Consumers		

Objective Question

71	71	Which of the following is known as the revolving or circulating capital	1.0	0.00
		A : Fixed capital		
		B : Working capital		
		C : Permanent capital		
		D : Variable working capital		

Objective Question

72	72	Input - output ratio is the relation between quantity of material charged to the _____ and the quantity of material in the final output.	1.0	0.00
		A : Purchase		
		B : Moving ratio		
		C : Final output		
		D : Production process		

Objective Question

73	73	Ratio analysis related with association between sales and assets of firm is	1.0	0.00
		A : Profitability ratio		
		B : Liquidity ratio		
		C : Solvency ratio		
		D : Efficiency ratio		

Objective Question				
74	74	Financial position of a business is ascertained on the basis of	1.0	0.00
		A : Journal B : Trial balance C : Balance sheet D : Ledger		
Objective Question				
75	75	Among the following which one is not the derivative of opium?	1.0	0.00
		A : Morphine B : Heroin C : Ecgonine D : Codeine		
Objective Question				
76	76	In India the pharmaceutical education was initiated in the year	1.0	0.00
		A : 1932 B : 1940 C : 1936 D : 1948		
Objective Question				
77	77	Which of the following is exempted advertisement under Drugs and Magic Remedies Act.	1.0	0.00
		A : Advertisement made by any person B : Advertisement made for treatment of diabetes C : Advertisement made by government D : Advertisement made by private company		
Objective Question				
78	78	A person is called registered pharmacist if he is	1.0	0.00
		A : Holding any diploma B : Having sufficient experience in pharmacy profession C : Having registered as pharmacist in state pharmacy council D : Having experience in compounding of medicines		

Objective Question				
79	79	_____ drugs should not be retailed except on prescription of a registered medical practitioner	1.0	0.00
		A : Schedule H		
		B : Schedule P		
		C : Schedule M		
		D : Schedule V		
Objective Question				
80	80	The drugs specified in schedule X shall be marketed in packing not exceeding	1.0	0.00
		A : 100 unit dose in case of tablets/capsules		
		B : 300 ml in case of oral liquid preparation		
		C : 5ml in case of injection		
		D : All of the above		
Objective Question				
81	81	Nissil bodies are present in	1.0	0.00
		A : Nephron		
		B : Neuron		
		C : Lung		
		D : Spleen		
Objective Question				
82	82	The clear fluid portion of the cytoplasm in which the particles are spread over is called	1.0	0.00
		A : Nucleus		
		B : Cell wall		
		C : Mitochondria		
		D : Cytosol		
Objective Question				
83	83	The slight increase in basal body temperatures at the time of ovulation is due to	1.0	0.00
		A : Oestrogen		
		B : Progesterone		
		C : FSH (Follicular Stimulating Hormone)		
		D : LH (Leutinizing Hormone)		

Objective Question				
84	84	Minipill contains  A : Low dose of estrogen  B : Low dose of progesterone  C : Low dose of FSH (Follicular Stimulating Hormone)  D : Low dose of LH (Leutinizing Hormone)	1.0	0.00
Objective Question				
85	85	Which of the following muscles help in extension of thigh?  A : Quadriceps femoris  B : Triceps  C : Biceps  D : Deltoid	1.0	0.00
Objective Question				
86	86	There are _____ numbers of cervical vertebrae in a human body  A : 10  B : 9  C : 5  D : 7	1.0	0.00
Objective Question				
87	87	Bile is produced in  A : Liver  B : Gall Bladder  C : Spleen  D : Pancreas	1.0	0.00
Objective Question				
88	88	Haustration are mixing movement seen in  A : Esophagus  B : Stomach  C : Small intestine  D : Large intestine	1.0	0.00

Objective Question				
89	89	Dates are rich source of	1.0	0.00
		A : Calcium		
		B : Iron		
		C : Vitamin - C		
		D : Carotene		
Objective Question				
90	90	Reference protein is	1.0	0.00
		A : Mutton		
		B : Soya bean		
		C : Egg		
		D : Milk		
Objective Question				
91	91	Which of the following is the most effective prophylactic measure against cholera?	1.0	0.00
		A : Vaccination		
		B : Chemoprophylaxis		
		C : Health education		
		D : Early case detection		
Objective Question				
92	92	What is the recommended dosage of Zinc supplements in children with Diarrhea?	1.0	0.00
		A : 20 mg of Zinc for infants for 10 - 14 days		
		B : 20 mg of Zinc for children > 6 months of age for 7 days		
		C : 10 mg of Zinc for infants for 20 days		
		D : 10 mg of Zinc for children < 6 months of age for 10 - 14 days		
Objective Question				
93	93	Most commonly used drug for treatment of syphilis	1.0	0.00
		A : Ciprofloxacin		
		B : Penicillin		
		C : Gentamycin		

D : Dexamethasone

Objective Question

94	94	An epidemic that spreads over multiple countries or continental is called  A : Pandemic  B : Outbreak  C : Sporadic  D : Endemic	1.0	0.00
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Objective Question

95	95	Proteins are polymers of  A : Glucose  B : Amino acids  C : Nucleic acids  D : Fatty acids	1.0	0.00
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Objective Question

96	96	Which of the following is an optimum temperature for most of the enzymes to activate?  A : 25 C - 30 C  B : 35 C - 40 C  C : 45 C - 50 C  D : 50 C - 60 C	1.0	0.00
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Objective Question

97	97	The aerobic end product of Glycolysis is,  A : Lactate  B : Pyruvate  C : Acetyl CoA  D : Phosphoenol pyruvate	1.0	0.00
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Objective Question

98	98	Which of the mineral protects the development of dental caries?  A : Selenium  B : Fluorine  C : Iodine	1.0	0.00
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D : Calcium

Objective Question

99	99	<p>Polyuria is</p> <p>A : Increase in volume of urine excreted/day</p> <p>B : Decrease in volume of urine excreted/day</p> <p>C : Increase in specific gravity of urine</p> <p>D : Decrease in specific gravity of urine</p>	1.0	0.00
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Objective Question

100	100	<p>Tests done to look for the presence of protein in urine are <b>ALL EXCEPT</b></p> <p>A : Heat and acetic acid test</p> <p>B : Sulpho salicyclic acid test</p> <p>C : Heller's test</p> <p>D : Fouchet's test</p>	1.0	0.00
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