

Dr. B.R.Ambedkar Institute of Technology
Recruitment for the Post of Pharmacist

Date of Examination: 27/05/2025

Exam Time: 02:00 PM - 03:30 PM

Exam Slot: A1

#	Question ID	Question	Answer Key
1	5878	<p>Select the most appropriate antonym of the given word: Revoke</p> <p>A. Negate</p> <p>B. Annul</p> <p>C. Invalidate</p> <p>D. Implement</p>	
2	5886	<p>Read the following passage carefully and choose the best answer to each question out of the four alternatives:</p> <p>Every profession of trade, every art and every science has its technical vocabulary, the function of which is partly to designate things or processes which have no names in ordinary English and partly to secure greater exactness in nomenclature. Such special dialects or jargons are necessary in technical discussion of any kind. Being universally understood by the devotees of the particular science or art, they have the precision of a mathematical formula. Besides, they save time, for it is much more economical to name a process than to describe it. Thousands of these technical terms are very properly included in every large dictionary, yet, as a whole, they are rather on the outskirts of the English language than actually within its borders.</p> <p>Different occupations, however, differ widely in the character of their special vocabularies. In trades and handicrafts and other vocations like farming and fishing that have occupied great numbers of men from remote times, the technical vocabulary is very old. An average man now uses these in his own vocabulary. The special dialects of law, medicine, divinity and philosophy have become familiar to cultivated persons.</p> <p>The writer of this article is:</p> <p>A. a scientist</p> <p>B. a politician</p> <p>C. a linguist</p> <p>D. a businessman</p>	
3	5884	<p>Find out whether there is any error in it. The error, if any, will be in one part of the sentence. Mark the number of that part with error as your answer.</p> <p>Nobody have carried out (a)/ this kind of trick before (b)/ in the history of this circus. (c)/ No error (d)</p> <p>A. Nobody have carried out</p> <p>B. this kind of trick before</p> <p>C. in the history of this circus.</p> <p>D. No error</p>	
4	5879	<p>Select the most appropriate antonym of the given word: Disconsolate</p> <p>A. Prominent</p> <p>B. Joyous</p> <p>C. Thankful</p> <p>D. Unprejudiced</p>	

5	5883	<p>Find out whether there is any error in it. The error, if any, will be in one part of the sentence. Mark the number of that part with error as your answer.</p> <p>I have (a)/ seen her only once (b)/ but I am liking her a lot. (c)/ No error (d)</p> <p>A. I have B. seen her only once C. but I am liking her a lot. D. No error</p>	
6	5867	<p>Select the most appropriate antonym of the given word: Sterile</p> <p>A. Fertile B. Infertile C. Dense D. Barren</p>	
7	5871	<p>She says, "I keep at an arm's length all those who try to flatter me."</p> <p>A. She exclaims that she keeps at an arm's length all of them who try to flatter her. B. She says that she will keep at an arm's length all those who try to flatter her. C. She says that she keeps at an arm's length all those who try to flatter her. D. She said that she kept at an arm's length all those who try to flatter her.</p>	
8	5874	<p>A part of the sentence is printed in bold. Find out the phrase which can correctly substitute that part of the sentence: Epidemics are likely to break off in the areas from where flood-water has receded.</p> <p>A. Break out B. Break up C. Break in D. No improvement</p>	
9	5875	<p>A part of the sentence is printed in bold. Find out the phrase which can correctly substitute that part of the sentence: The jury could not arrive at any decision in the strength of scanty evidence.</p> <p>A. With the strength of scanty B. On the strength of scanty C. On strength with scanty D. No improvement</p>	

10	5885	<p>Read the following passage carefully and choose the best answer to each question out of the four alternatives:</p> <p>Every profession of trade, every art and every science has its technical vocabulary, the function of which is partly to designate things or processes which have no names in ordinary English and partly to secure greater exactness in nomenclature. Such special dialects or jargons are necessary in technical discussion of any kind. Being universally understood by the devotees of the particular science or art, they have the precision of a mathematical formula. Besides, they save time, for it is much more economical to name a process than to describe it. Thousands of these technical terms are very properly included in every large dictionary, yet, as a whole, they are rather on the outskirts of the English language than actually within its borders.</p> <p>Different occupations, however, differ widely in the character of their special vocabularies. In trades and handicrafts and other vocations like farming and fishing that have occupied great numbers of men from remote times, the technical vocabulary is very old. An average man now uses these in his own vocabulary. The special dialects of law, medicine, divinity and philosophy have become familiar to cultivated persons.</p> <p>Special words used in technical discussion</p> <p>A. may become part of common speech B. never last long C. should resemble mathematical formula D. should be confined to scientific fields</p>	
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#	Question ID	Question	Answer Key
11	5900	Which part of the human eye controls the amount of light entering it? a) Retina b) Iris c) Cornea d) Lens	
12	5891	India successfully launched its first solar mission, Aditya-L1, in which year? a) 2022 b) 2023 c) 2024 d) 2025	
13	5894	Which gas is most abundant in Earth's atmosphere? a) Oxygen b) Nitrogen c) Carbon Dioxide d) Hydrogen	
14	5893	Who founded the Brahmo Samaj in 1828? a) Swami Vivekananda b) Raja Ram Mohan Roy c) Dayananda Saraswati d) Ishwar Chandra Vidyasagar	
15	5897	Which award is given for excellence in the field of cinema in India? a) Dadasaheb Phalke Award b) Bharat Ratna c) Padma Bhushan d) National Science Award	
16	5905	Which article of the Indian Constitution deals with the Fundamental Rights? a) Article 1 to 11 b) Article 36 to 51 c) Article 12 to 35 d) Article 52 to 62	
17	5907	The Andaman & Nicobar Islands are located in which part of India? a) Northwest b) Southwest c) Southeast d) Northeast	

18	5909	Which of the following tribes of the Andaman and Nicobar Islands is Mongoloid origin? a) Great Andamanese b) Jarawa c) Sentinelese d) Shompen	
19	5906	Which is the largest island in the Andaman group of islands? a) Middle Andaman b) Little Andaman c) Great Andaman d) North Andaman	
20	5902	The Harappan Civilization is also known as the: a) Vedic Civilization b) Indus Valley Civilization c) Gupta Empire d) Maurya Empire	

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21	5928	<p>A ratio equivalent to 2 : 3 is</p> <p>a) 2 : 6 b) 6 : 9 c) 4 : 3 d) 4 : 9</p>	
22	5918	<p>What percentage is 25 out of 100?</p> <p>a) 10% b) 25% c) 20% d) 50%</p>	
23	5921	<p>What is the loss percentage if an article is sold at a loss of Rupees 50 and the cost price is Rupees 500?</p> <p>a) 10% b) 12% c) 05% d) 08%</p>	
24	5925	<p>A certain sum was divided among three persons i.e. X, Y, Z in the ratio of 7 : 5 : 4. If Y got Rupees 500 more than Z, find the total sum.</p> <p>a) 6000 b) 7000 c) 8000 d) 9000</p>	
25	5916	<p>The average temperature for Monday, Tuesday and Wednesday was 42 degrees centigrade. The average temperature for Tuesday, Wednesday and Thursday was 43 degrees centigrade. If the temperature on Thursday was 44 degrees centigrade, what was the temperature on Monday.</p> <p>a) 43 degrees centigrade b) 42 degrees centigrade c) 41 degrees centigrade d) 40 degrees centigrade</p>	
26	5914	<p>The prime factorisation of 96 is</p> <p>a) $2 \times 2 \times 2 \times 2 \times 2 \times 3$ b) $2 \times 2 \times 2 \times 2 \times 2 \times 2$ c) $2 \times 2 \times 2 \times 2 \times 3$ d) $2 \times 2 \times 2 \times 2 \times 32$</p>	
27	5920	<p>What is 40% of 85?</p> <p>a) 30 b) 34 c) 42 d) 20</p>	

28	5924	An item was marked for Rs. 5000 but sold for Rs. 3500. What is the % loss on the product? a) 5 b) 10 c) 20 d) 30	
29	5912	If set $A = \{1, 2, 3, 4, 5, \dots\}$ is given, then it represents: a) Whole numbers b) Natural Numbers c) Rational numbers d) Complex numbers	
30	5913	The least number that is divisible by all the numbers from 1 to 5 is: a) 70 b) 60 c) 80 d) 90	

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31	5929	If HOSPITAL is coded as IPTQJUBM, then MEDICINE is coded as? A. NFEJDJEO B. NEFJEJOF C. NFEJDJOF D. NFEJDJNF	
32	5933	In a code, HEALTH is written as KHDOWK. What is DOCTOR? A. GREWRU B. GRFVRU C. GREVRU D. GRFWRU	
33	5939	A person walks 6 km south, then turns left and walks 4 km, then again turns left and walks 6 km. What is his position now from the starting point? A. 4 km West B. 4 km East C. 6 km North D. 10 km South	
34	5952	2, 6, 12, 20, 30, ? A. 36 B. 40 C. 42 D. 45	
35	5942	If a patient moves from point A 5 km east, then 3 km north, then 5 km west and 3 km south, where is he with respect to A? A. At point A B. 4 km North-east C. 4 km South-west D. 4 km North-west	
36	5954	Find the odd one out: A. 196 B. 256 C. 325 D. 361	
37	5940	A doctor starts from his house facing east. He walks 6 km, turns right, walks 3 km, then left and walks 2 km. In which direction is he now from the starting point? A. North-east B. South-east C. North-west D. South-west	

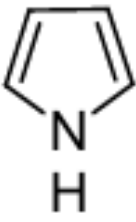
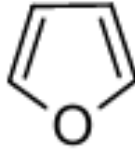
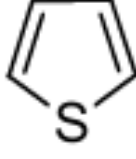
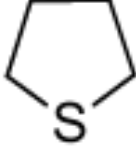
38	5947	DNA : Nucleotides :: Protein : ? A. Monomers B. Monosaccharaides C. Amino acids D. Fatty acids	
39	5936	Statement: Some doctors are researchers. All researchers are intelligent. Conclusion I: Some doctors are intelligent. Conclusion II: All intelligent people are researchers. A. Only I follows B. Only II follows C. Both follow D. Neither follows	
40	5957	Select the pair which is different from the others: A. (8, 56) B. (6, 30) C. (7, 42) D. (4, 20)	

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41	6198	How many pharmacists are needed for the hospital having 500 bed strength a) 25 b) 15 c) 10 d) None	
42	6077	The biological source of Soya is a) <i>Glycin max.L</i> b) <i>Allium sativum</i> c) <i>Lactobacillus acidephyllus</i> d) <i>Bos taurus</i>	
43	5981	The indicator used in urease test is a) Phenolphthalein b) Phenol red c) Methyl orange d) Thymol blue	
44	6163	Identify the structure of Thiophene <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  (a) </div> <div style="text-align: center;">  (b) </div> <div style="text-align: center;">  (c) </div> <div style="text-align: center;">  (d) </div> </div>	
45	6143	The first edition of the Indian Pharmacopoeia was published in a) 1955 b) 1911 c) 1923 d) 1982	

46	6203	Menke's disease and myxoedema is due to deficiency of a) Iron and copper b) Copper and iodine c) Iodine and manganese d) Manganese and zinc	
47	6178	Simvastatin is nearly _____ times as potent as Lovastatin a) Three times b) Two times c) Four times d) Five times	
48	6094	Silk and Wool are differentiated by the following chemical test a) Ignition test b) Cuoxam test c) Lead acetate and alkali test d) Phologlucinol and Conc.HCl test	
49	6000	Size reduction is also called as a) Grading of powder b) Size separation c) Comminution d) Filtration	
50	5959	Alprazolam is a a) Azepine-5-carboxamide b) Pyrimidinetriene c) Triazolobenzenodiazepine d) Imidazolidine2,4-dione	
51	6063	. The minimum area required to start the retail pharmacy a) 240 sq.ft b) 320 sq.ft c) 220 sq.ft d) 120 sq.ft	

52	6189	Which of the following statements regarding the warfarin–aspirin interaction are true? a) An example of a drug interaction relating to absorption b) Warfarin displaces aspirin from plasma proteins c) The blood levels of warfarin increase d) The blood levels of aspirin increase	
53	6051	. An increased creatinine level indicates a) Psoriasis b) Kidney damage c) Hypopituitarism d) Obstructive jaundice	
54	6111	Vaccines containing toxoids are a) BCG vaccine b) Diphtheria c) Measles d) Poliomyelitis	
55	5979	Dopamine is a) 4-(2-amino ethyl) benzene-1,2-diol b) 3-(2- amino ethyl) benzene-1,2-diol c) 2-(2- amino ethyl) benzene-1,2-diol d) 4-(2-amino ethyl) benzene-1,3-diol	
56	6130	The indicator crystal violet is prepared using a) Dioxane b) Glacial acetic acid c) Dimehtyl formamide d) Ethyl alcohol	

57	6085	<p>Classification of crude drugs based on natural relationship and evolutionary developments (Phylogenetic) is called as</p> <ul style="list-style-type: none"> a) Taxonomical classification b) Chemo taxonomical classification c) Sero Taxonomical classification d) Pharmacological classification 	
58	6118	<p>The difference between calculated value and accepted real value is known is</p> <ul style="list-style-type: none"> a) Reproducibility b) Repeatability c) Accuracy d) Precision 	
59	6088	<p>Terpenoids are made up of multiple units of _____</p> <ul style="list-style-type: none"> a) Acetate b) Mevalonate c) Isoprene d) Glycosides 	
60	6026	<p>_____ is the role of diuretics.</p> <ul style="list-style-type: none"> a) Increase the output of urine b) Decrease electrolyte excretion in urine c) Increase water retention d) Improve the retention of excessive uric acid 	
61	6083	<p>Modified Borntrager's test is used to identify</p> <ul style="list-style-type: none"> a) Senna b) Aloe c) Liquorice d) Cinchona 	
62	6096	<p>Bhasmas are defined as</p> <ul style="list-style-type: none"> a) Fine powder of drugs b) Compressed pills c) Calcined fine powder of drugs d) Fermented liquids 	

63	6176	<p>Hydrophobicity increases both the potency and duration of action of</p> <ul style="list-style-type: none"> a) General anesthetics b) Local anesthetics c) Antibiotics d) Antihistamines 	
64	6137	<p>Ofloxacin is a</p> <ul style="list-style-type: none"> a) Fluoroquinolone drug b) Azole quinoline drug c) Isoquinoline drug d) Quinciclidine drug 	
65	5985	<p>Sodium bicarbonate is commonly known as</p> <ul style="list-style-type: none"> a) Epsom salt b) Baking soda c) Caustic soda d) Rochelle salt 	
66	5994	<p>Pulmonary arteries are</p> <ul style="list-style-type: none"> a) which carry Impure blood to the lungs from heart b) which carry Oxygenated blood from lungs to the heart c) which returns Venous blood of lungs to superior vena cava d) which carry arterial blood which nourishes the substance of the lung tissue 	
67	6158	<p>Sotalol- an anti-arrhythmic drug belongs to</p> <ul style="list-style-type: none"> a) Class I b) Class III c) Class II d) Class IV 	
68	6140	<p>Which one of the following is not nitrogen mustard</p> <ul style="list-style-type: none"> a) Mechlorethamine b) Busulfan c) Cyclophosphamide d) Melphalan 	

69	6108	Patent head office in India is located at a) Kolkata b) Chennai c) Mumbai d) Delhi	
70	6164	Nitrous oxide contains not less than a) 98.5% v/v of N ₂ O b) 99.0% v/v of N ₂ O c) 95.0% v/v of N ₂ O d) 99.7% v/v of N ₂ O	
71	5962	In Limit test for Iron, purple colour is due to formation of a) Glycolic acid b) Ferrous thio glycolate c) Ferric thioglycolate d) Ferric chloride	
72	6089	The Sugar part of Glycosides are known as a) Genin b) Glycone c) Aglycone d) Glucone	
73	6086	Compressed Chicory is used in place of Coffee berries is an example of a) Substitution using inferior commercial varieties b) Substitution using exhausted varieties c) Substitution of superficially similar inferior natural substances d) Adulteration using manufactured substances	
74	6079	. Which of the following drug is used as an ingredient in “ <i>Triphala churna</i> ” a) Black catechu b) Myrobalan c) Pale catechu d) Arjuna	

75	5990	In which of the following contraction the muscle shortens under constant load is a) Isometric contraction b) Isotonic contraction c) Fatigue d) Tetanus	
76	6110	.Which authority is responsible for granting licenses for the manufacture of drugs a) Central Licensing Authority b) Pharmacy Council of India c) Medical Council of India d) Central Bureau of Narcotics	
77	6004	Combination of sulfamethoxazole and trimethoprim is a) Clotrimazole b) Cotrimoxazole c) Cycloguanil d) Ciprofloxacin	
78	5996	Cranium is formed by a) 12 bones b) 16 bones c) 8 bones d) 24 bones	
79	6103	Fentanyl is a) Opioid analgesic b) Anti-convulsant c) NSAID d) Opioid antagonist	
80	6205	In ABC analysis the inventories are categorised according to a) Consumption b) Purchase c) Sales d) Stock	

81	6207	A Wholesaler who deals with medicines manufactured by a single company is a) C&F agent b) Super stockist c) Stockist d) Retailer	
82	6053	. In neutral solutions alpha-amino acids exist as amphoteric species known as a) Anomers b) Isomers c) Zwitter ion d) Quaternary ion	
83	6201	_____ is used as a contrast medium to take urinary tract X-rays a) Para amino hippuric acid b) Inulin c) Diodrast d) Insulin	
84	6025	_____ is not a β -lactum antibiotic. a) Penicillin b) Cephalosporin c) Carbapenam d) Rifampicin	
85	5983	Solvay process is used to prepare a) Sodium bicarbonate b) Calcium carbonate c) Magnesium carbonate d) Aluminum hydroxide	
86	6172	Globulin Zinc Insulin injection to be stored at a a) Temperature between 2°C to 10°C b) Temperature 4°C c) Temperature not exceeding 20°C d) Temperature between 2°C to 8°C must not be allowed to freeze	

87	5984	<p>Calcium hypochlorite should not have less than</p> <ul style="list-style-type: none"> a) 15.0 % w/w of available chloride b) 30.0% w/w of available chloride c) 28.0 % w/w of available chloride d) 6 % w/w of available chloride 	
88	6092	<p>The biological name of Indian Senna is</p> <ul style="list-style-type: none"> a) <i>Cassia acutifolia</i> b) <i>Cassia angustifolia</i> c) <i>Cassia auiculata</i> d) <i>Cassia obovate</i> 	
89	6007	<p>Hyperammonemia type-I is caused due to deficiency of</p> <ul style="list-style-type: none"> a) Argininosuccinate synthetase b) Carbonyl phosphate synthetase c) Ornithine transcarbamylase d) Arginase 	
90	6171	<p>Sodalime glass is not used for injectables because</p> <ul style="list-style-type: none"> a) It is light in weight b) Light sensitive c) It is unbreakable d) It liberates alkali in aqueous preparations 	
91	5963	<p>Antimony potassium tartarate is commonly known of</p> <ul style="list-style-type: none"> a) Roches salt b) Caustic soda c) Tartar emetic d) Epsom salt 	
92	5975	<p>Gentamicin is</p> <ul style="list-style-type: none"> a) β-lactum antibiotic b) Aminoglycoside antibiotic c) Macrolide antibiotic d) Lincosamide antibiotic 	

93	6193	<p>Displacement value of Hydrocortisone is</p> <p>a) 2.5</p> <p>b) 5.0</p> <p>c) 1.0</p> <p>d) 1.5</p>	
94	6052	<p>. Iodine is required for the formation of</p> <p>a. Vitamin B12</p> <p>b. Thyroxine</p> <p>c. Insulin</p> <p>d. Calcitonin</p>	
95	6208	<p>If the Government holds 51% of the shares of a company, it is called</p> <p>a) Public company</p> <p>b) Public corporation</p> <p>c) Government company</p> <p>d) Departmental organisation</p>	
96	5989	<p>The reagent used in colorimetric estimation of Serum bilirubin is</p> <p>a) Phenyl phosphate</p> <p>b) Diazo</p> <p>c) Potassium ferricyanide</p> <p>d) Sodium tungstate</p>	
97	5986	<p>Alicyclic compounds are</p> <p>a) Closed chain compound</p> <p>b) Heterocyclic chain compound</p> <p>c) Open chain compound</p> <p>d) Non-cyclic chain compound</p>	
98	6127	<p>.Lead acetate cotton plug is used in limit test for arsenic for which of the following reason?</p> <p>a) To promote the release of phosphine gas</p> <p>b) To avoid the passage of hydrogen sulphide gas formed</p> <p>c) To improve the efficiency of reaction</p> <p>d) To allow uniform passage of arsine gas formed</p>	

99	5992	Autosomes contains a) 46 chromosomes b) 44 chromosomes c) 24 chromosomes d) 48 chromosomes	
100	6035	Which drug is a selective serotonin reuptake inhibitor (SSRI) a) Fluoxetine b) Omeprazole c) Ciprofloxacin d) Dextromethorphan	

Answer Key for Recruitment Exam for the Group-C Post 'Pharmacist' held on 27/5/2025

Subject	General English	
S.No	Q.ID	Correct Option
1	5878	D
2	5886	C
3	5884	A
4	5879	B
5	5883	C
6	5867	B
7	5871	C
8	5874	A
9	5875	B
10	5885	C
Subject	General Knowledge	
S.No	Q.ID	Correct Option
11	5900	B
12	5891	B
13	5894	B
14	5893	B
15	5897	A
16	5905	C
17	5907	C
18	5909	D
19	5906	A
20	5902	B
Subject	Numerical Aptitude	
S.No	Q.ID	Correct Option
21	5928	B
22	5918	B
23	5921	A
24	5925	C
25	5916	A
26	5914	A
27	5920	B
28	5924	D
29	5912	B
30	5913	B
Subject	Reasoning	
S.No	Q.ID	Correct Option
31	5929	C
32	5933	D
33	5939	B
34	5952	C
35	5942	A
36	5954	C
37	5940	B
38	5947	C
39	5936	A
40	5957	D
Subject	Core Subjects	
S.No	Q.ID	Correct Option
41	6198	B
42	6077	A
43	5981	B
44	6163	C
45	6143	A
46	6203	B
47	6178	B
48	6094	C
49	6000	C

50	5959	C
51	6063	D
52	6189	C
53	6051	B
54	6111	B
55	5979	A
56	6130	B
57	6085	A
58	6118	C
59	6088	C
60	6026	A
61	6083	B
62	6096	C
63	6176	B
64	6137	A
65	5985	B
66	5994	A
67	6158	C
68	6140	B
69	6108	A
70	6164	B
71	5962	B
72	6089	B
73	6086	D
74	6079	B
75	5990	B
76	6110	A
77	6004	B
78	5996	C
79	6103	A
80	6205	A
81	6207	C
82	6053	C
83	6201	C
84	6025	D
85	5983	A
86	6172	D
87	5984	B
88	6092	B
89	6007	B
90	6171	C
91	5963	C
92	5975	B
93	6193	D
94	6052	B
95	6208	C
96	5989	B
97	5986	A
98	6127	B
99	5992	B
100	6035	A