

Bihar Public Service Commission

Drug Inspector Written (Objective) Competitive Examination (Advt. No. 09/2022)

(Examination Date : 07.07.2023)

PROVISIONAL ANSWER KEY : Pharmaceutical Analysis (Paper-1, Unit II)

आयोग द्वारा उपलब्ध कराये गये उत्तर पूर्णतः औपबधिक (Provisional) हैं। उपर्युक्त निर्धारित तिथि तक आपत्तिकर्ताओं से प्राप्त आपत्ति की गहन समीक्षा विषय विशेषज्ञों की समिति द्वारा की जायेगी और गहन समीक्षोपरान्त सभी प्रश्नों का अन्तिम आदर्श उत्तर तैयार किया जायेगा। विषय विशेषज्ञों की समिति द्वारा तैयार किये गये उक्त अन्तिम आदर्श उत्तर का आयोग द्वारा अनुमोदनोपरान्त उसके आधार पर ओ.एम.आर. उत्तर पत्रक (OMR Answer Sheet) का मूल्यांकन किया जायेगा।

Series-A		Series-B		Series-C		Series-D		Remarks
Question No.	Answer	Question No.	Answer	Question No.	Answer	Question No.	Answer	
1	C	17	D	33	A	41	B	A. H. Beckett and J. B. Stenlake, Practical Pharmaceutical Chemistry Part II, 4 th edition, Page 367
2	C	18	D	34	A	42	B	A. H. Beckett and J. B. Stenlake, Practical Pharmaceutical Chemistry Part II, Page 276
3	B	19	C	35	D	43	A	W. Kemp, Organic Spectroscopy, 3 rd edition, Page 253
4	C	20	A	36	B	44	C	Douglas A. Skoog, F. James Holler, Stanley R. Crouch - Principles of Instrumental Analysis 7th edition Skoog 2016, Cengage Learning, Page 365
5	B	21	C	37	D	45	A	Douglas A. Skoog, F. James Holler, Stanley R. Crouch - Principles of Instrumental Analysis 7th edition Skoog 2016, Cengage Learning, Page 175
6	B	22	C	38	A	46	B	Ravi Shankar, textbook of pharmaceutical analysis, 4 th edition, Page 4-2
7	A	23	B	39	C	47	D	IP 2018, Volume 1, page 139
8	C	24	D	40	A	48	B	A.V. kasture, S.G. wadodkar, A textbook of pharmaceutical chemistry -1, 1 st edition, Nirali prakashan, Page 2.9
9	C	25	C	41	C	49	C	Douglas A. Skoog, F. James Holler, Stanley R. Crouch - Principles of Instrumental Analysis 7th edition Skoog 2016, Cengage Learning, Page 161
10	B	26	C	42	A	50	B	A.V. kasture, S.G. wadodkar, A textbook of pharmaceutical chemistry -1, 1 st edition, Nirali prakashan, Page 2.6
11	B	27	C	43	D	1	A	https://www.sigmaaldrich.com/IN/en/applications/microbiological-testing/pyrogen-testing

Series-A		Series-B		Series-C		Series-D		Remarks
Question No.	Answer	Question No.	Answer	Question No.	Answer	Question No.	Answer	
12	B	28	C	44	D	2	A	https://www.sigmaaldrich.com/IN/en/applications/microbiological-testing/pyrogen-testing
13	A	29	B	45	C	3	D	https://www.sigmaaldrich.com/IN/en/applications/microbiological-testing/pyrogen-testing
14	D	30	A	46	B	4	C	IP 2018, Vol. 1, Page 37
15	A	31	B	47	C	5	A	https://www.sigmaaldrich.com/IN/en/applications/microbiological-testing/pyrogen-testing
16	A	32	B	48	C	6	A	IP 2018, Vol 1, page 60
17	D	33	A	49	B	7	C	IP 2018, Vol 1, page 63
18	B	34	C	50	D	8	A	IP 2018, Vol 1, page 156
19	A	35	B	1	A	9	B	J. Mendham, R. C. Denney, J. D. Barnes, M.J. K. Thomas, Vogel's Textbook of Quantitative Chemical Analysis, 5 th edition, page 637
20	A	36	B	2	C	10	A	Eugen Scholz," Karl Fischer Titration Determination of Water Chemical Laboratory Practice" Springer-Verlag Berlin Heidelberg New York Tokyo 1984, Page no. 4. ISBN-13: 978-3-642-69991-7 e-ISBN-13: 978-3-642-69989-4 DOT: 10.1007/978-3-642-69989-4
21	B	37	C	3	D	11	A	J. Mendham, R. C. Denney, J. D. Barnes, M.J. K. Thomas, Vogel's Textbook of Quantitative Chemical Analysis, 5 th edition, page 638
22	B	38	C	4	D	12	A	Douglas A. Skoog, F. James Holler, Stanley R. Crouch - Principles of Instrumental Analysis 7th edition Skoog 2016, Cengage Learning, Page 316
23	C	39	D	5	A	13	B	Douglas A. Skoog, F. James Holler, Stanley R. Crouch - Principles of Instrumental Analysis 7th edition Skoog 2016, Cengage Learning, Page 317
24	A	40	B	6	C	14	A	Douglas A. Skoog, F. James Holler, Stanley R. Crouch - Principles of Instrumental Analysis 7th edition Skoog 2016, Cengage Learning, Page 160
25	B	41	A	7	B	15	A	Douglas A. Skoog, F. James Holler, Stanley R. Crouch - Principles of Instrumental Analysis 7th edition Skoog 2016, Cengage Learning, Page 160

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Question No.	Answer	Question No.	Answer	Question No.	Answer	Question No.	Answer	
26	A	42	B	8	C	16	A	Douglas A. Skoog, F. James Holler, Stanley R. Crouch - Principles of Instrumental Analysis 7th edition Skoog 2016, Cengage Learning, Page 165
27	D	43	D	9	D	17	D	Ravi Shankar, textbook of pharmaceutical analysis, 4 th edition, Page 1-18
28	A	44	B	10	C	18	D	Ravi Shankar, textbook of pharmaceutical analysis, 4 th edition, Page 1-17
29	A	45	B	11	C	19	D	Ravi Shankar, textbook of pharmaceutical analysis, 4 th edition, Page 1-17
30	C	46	D	12	A	20	B	Ravi Shankar, textbook of pharmaceutical analysis, 4 th edition, Page 1-22
31	A	47	B	13	C	21	D	A. H. Beckett and J. B. Stenlake, Practical Pharmaceutical Chemistry Part II, Page 277
32	C	48	A	14	B	22	C	IP 2018, Volume 1, page 111
33	D	49	A	15	B	23	C	IP 2018, Volume 1, page 137
34	B	50	C	16	D	24	A	IP 2018, Volume 1, page 138
35	C	1	D	17	A	25	B	IP 2018, Volume 1, page 139
36	B	2	C	18	D	26	A	Remington: The science and practice of pharmacy, 20 th edition, vol. 1, Page 544
37	D	3	A	19	B	27	C	Remington: The science and practice of pharmacy, 20 th edition, vol. 1, Page 544
38	B	4	C	20	D	28	A	Remington: The science and practice of pharmacy, 20 th edition, vol. 1, Page 543
39	D	5	A	21	B	29	C	Remington: The science and practice of pharmacy, 20 th edition, vol. 1, Page 546
40	B	6	C	22	D	30	A	Remington: The science and practice of pharmacy, 20 th edition, vol. 1, Page 550
41	B	7	C	23	A	31	B	Remington: The science and practice of pharmacy, 20 th edition, vol. 1, Page 547
42	A	8	B	24	A	32	B	Remington: The science and practice of pharmacy, 20 th edition, vol. 1, Page 543
43	C	9	D	25	A	33	B	Remington: The science and practice of pharmacy, 20 th edition, vol. 1, Page 544
44	B	10	C	26	D	34	A	Douglas A. Skoog, F. James Holler, Stanley R. Crouch - Principles of Instrumental Analysis 7th edition Skoog 2016, Cengage Learning, Page 364

Series-A		Series-B		Series-C		Series-D		Remarks
Question No.	Answer	Question No.	Answer	Question No.	Answer	Question No.	Answer	
45	B	11	C	27	A	35	B	Douglas A. Skoog, F. James Holler, Stanley R. Crouch - Principles of Instrumental Analysis 7th edition Skoog 2016, Cengage Learning, Page 364
46	A	12	B	28	C	36	A	Douglas A. Skoog, F. James Holler, Stanley R. Crouch - Principles of Instrumental Analysis 7th edition Skoog 2016, Cengage Learning, Page 367
47	A	13	B	29	C	37	D	Douglas A. Skoog, F. James Holler, Stanley R. Crouch - Principles of Instrumental Analysis 7th edition Skoog 2016, Cengage Learning, Page 367
48	B	14	C	30	D	38	A	IP2018, volume1, page 54
49	C	15	D	31	A	39	B	IP2018, volume1, page 54
50	A	16	B	32	C	40	D	IP2018, volume1, page 54