



Vishnu Waman Thakur Charitable Trust's
VIVA Institute of Pharmacy

Approved by PCI, AICTE (New Delhi), DTE (Government of Maharashtra),
and Affiliated to University of Mumbai

Matric NO. 2.6.2

CO-PO Attainment





Vishnu Waman Thakur Charitable Trust's
VIVA Institute of Pharmacy

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1. Sessional I Question Paper (HDT)

Vishnu Waman Thakur Charitable Trust's
VIVA INSTITUTE OF PHARMACY
At: Shirgaon, Veer Sawarkar Road, Virar (E),
Taluka: Vasai, Dist. Palghar-401305, Maharashtra.

SESSIONAL EXAMINATION
Academic Year 2022-2023
Third Year B. Pharm (R-2019 / PCI)
Subject: BP604 T Herbal Drug Technology

Semester: VI
Date: 2/2/23
Time: 10.00 to 11.20 pm

Division: NA
Sessional: I
Total Marks: 30

Q-1 Answer all 10 M

		CO	Bloom Tax
1	Define herbs & herbal materials.	1	1
2	Give any two examples of Insecticide from plants.	1	1
3	Give the importance of the Shodhana process.	1	1
4	Enlist the evaluation parameters for Vati	1	1
5	Enlist the methods of Drying	1	1
6	Justify comment: cascara bark should be stored one year before use	1	4
7	What is garbling?	1	2
8	Name the health food which is obtained from algae.	2	1
9	Give the fullform of ICAR and GACP.	1	1
10	Enlist the Ayurvedic evaluation parameters of Bhasma.	1	1

Q-2 Answer any one 10 M

1	a) Define Asava and Arishta and explain its method of preparation and enlist its evaluation parameters. b) Give importance to the primary processing of herbs. Enlist the different methods for primary processing and explain any two in detail	1	2
2	Define Nutraceuticals. Discuss health benefits and role of nutraceuticals in ailments like Diabetes & CVS disease	2	2

Q-3 Answer any two 10 M

1	Enlist modern tools used for the authentication of herbal raw material. Discuss any one in detail.	1	2
2	Discuss following herbs as health food 1) Ashwagandha 2) Ginger.	2	2
3	Explain organic farming in detail.	1	2

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2. Sessional II Question Paper (HDT)

Vishnu Waman Thakur Charitable Trust's
VIVA INSTITUTE OF PHARMACY
At: Shirgaon, Veer Sawarkar Road, Virar (E),
Taluka: Vasai, Dist. Palghar-401305, Maharashtra.

SESSIONAL EXAMINATION
Academic Year 2022- 2023
Third Year B. Pharm (R-2019 / PCI)
Subject: BP604 T Herbal Drug Technology

Semester: VI
Date: 11/4/23
Time: 10.00 to 11.00 pm
30

Division: NA
Sessional: II
Total Marks:

Q-1 Answer all 10 M

		CO	Bloom Tax
1	Name any one herbal drug used in oral hygiene with its biological source and phytoconstituents.	2	1
2	Define Phytosome.	2	2
3	Draw the structure of bixin.	2	1
4	What is bioprospecting ?	3	2
5	Name the phytoconstituents present in Jatamansi responsible for hair growth.	2	1
6	Enlist safety parameters as per WHO guideline.	3	1
7	Name the gum obtained from microbial sources.	2	1
8	What is schedule Z?	3	2
9	Comment: Guar gum is used in colon targeted drug delivery	2	4
10	Name the gelling agent obtained from Citrus fruit	2	1

Q-2 Answer any one 10 M

1	Discuss the importance of herbal excipients over synthetic excipients, Discuss cellulose derivatives in detail.	2	3
2	Write a note on the components of schedule T and its objectives.	3	2

Q-3 Answer any two 10 M

1	Discuss herb drug interaction of Hypericum and Garlic	2	2
2	Define biopiracy. Discuss case study of Neem.	4	2
3	Write a note on natural sweetener (any two drug in detail)	2	2

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3. Sessional I Mark sheet

Vishnu Waman Thakur Charitable Trust's VIVA INSTITUTE OF PHARMACY At. Shirgaon, Veer Sawarkar Road, Virar (E), Taluka: Vasai, Dist. Palghar - 401305, Maharashtra. SESSIONAL THEORY MARKSHEET EXAMINER: DR V. Aishali Shah CLASS:- TY BPharm SUBJECT:- Herbal drug technology Div. :- DATE: 17/2/23 SEM:- VI SESSIONAL :- I TOTAL MARKS :- 30																	
Roll No.	Q 1										Q 2		Q 3			Total	
	a	b	c	d	e	f	g	h	i	j	a	b	a	b	c		
Co Match																	
1	Ab																0
2	1	1	0	1	1	1	0	1	0	0	-	9	-	4.5	4.5		24
3	1	0	0.5	0.5	0	0	0	0	0	0	-	6	-	3.5	2		13.5
4	1	0	1	1	1	0	1	1	0	1	9	-	1	3.5	-		20.5
5	0.5	0	0	0	0	0.5	1	0	0	0	8.5	-	-	4	4		18.5
6	1	0	0.5	1	1	0	0.5	0	0	0	4	-	2	-	2.5		12.5
7	0.5	0	0	0	1	0	1	0	0.5	0	9	-	2	2.5	-		16.5
8	0.5	0	0.5	0	1	0	1	0	0	0.5	8.5	-	1	-	2.5		15.5
9	0.5	0.5	1	1	1	0	0	0	0	0.5	7	-	-	3.5	2.5		17.5
10	1	0.5	0	0	0.5	0	0	0	0.5	0	4	1	-	2.5	2.5		12.5
11	1	0	1	1	0.5	0.5	0	0	0	0	8	-	-	3	3		18
12	0	0	0	0	0	0	0	0.5	0.5	0	6.5	-	2	2	-		11.5
13	1	1	1	1	1	1	1	1	1	0.5	-	6	3	4	-		22.5
14	1	0	1	0	0.5	0	1	1	0	0	-	7	-	4.5	4.5		20.5
15	1	1	0	1	1	0	1	0	1	0	8	-	2	-	4		20
16	1	0	1	1	0.5	0	1	1	1	1	9	-	2	4	-		22.5
17	1	0.5	0	0	1	0.5	1	1	0.5	1	8	-	-	-	4		18.5
18	1	0	1	1	1	1	1	1	0.5	0.5	9.5	-	-	4	3.5		25
19	0.5	0	0.5	1	0.5	0	0	1	0	0	8	-	-	4	2.5		18
20	0.5	0	0	1	1	0.5	1	1	0	0.5	7.5	-	-	4.5	1		18.5
21	1	0	0	1	0	0	1	1	0	0	4	-	2	-	3		13
22	1	0	0	1	0	0	1	1	0	0	-	7	-	-	3		14
23	1	0	1	0	1	0	0	1	0.5	0	9	-	2	-	1		16.5
24	1	0	1	0	1	0	1	1	0	0	9	-	2	-	3		19
25	1	0.5	1	1	1	0	1	1	0.5	0	9	-	2	-	4.5		22.5
26	1	1	1	1	1	0	1	1	0.5	0	8	-	-	3.5	3		22
27	1	1	1	1	1	0	1	1	0.5	0	8.5	-	-	4	4		24
28	0.5	1	1	1	1	0	1	1	0.5	0	7	-	-	3	0		17
29	1	0	1	1	1	1	1	1	1	0	4.5	-	-	3.5	3.5		19.5
30	1	1	1	0.5	1	0	1	1	0.5	1	-	8	4	4	3		27
31	0.5	0	1	0	0	0	1	0	0.5	0	8	-	-	3	4		18
32	1	0	0.5	0	0.5	0	0.5	0	0.5	0	7	-	2	3	3		18
33	1	0	0	0	0	0	1	0	0.5	0	6	-	-	3	2		13.5





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VIVA INSTITUTE OF PHARMACY
At. Shirgaon, Veer Sawarkar Road, Virar (E),
Taluka: Vasai, Dist. Palghar - 401305, Maharashtra.

SESSIONAL THEORY MARKSHEET

EXAMINER: DR V aishali shah
CLASS: - TY BPharm
SUBJECT: - Herbal drug technology
Div. :-

DATE: 17/2/23
SEM:- VI
SESSIONAL :- I
TOTAL MARKS :- 30

Roll No.	Q 1										Q 2		Q 3			Total
	a	b	c	d	e	f	g	h	i	j	a	b	a	b	c	
34	0.5	0	0	0	0	0	0	0	0	0	4	-	-	3	2	9.5
35	0.5	0	1	0	0	0	0.5	0	0	0	-	7	-	3	2	14
36	0.5	1	0.5	1	0	0	0	1	0	0	4	3	-	3	2	16
37	1	1	1	1	0	0	0	1	0	0	-	8	1	4	2.5	20.5
38	1	0	1	1	0.5	0	0.5	1	0	0	-	8	0	4	4	21
39	1	1	0	0	0	0	1	1	0.5	0	-	8	-	4	3	19.5
40	1	1	0	0.5	0	0	1	1	0.5	0	-	4.5	-	4	4	17.5
41	1	1	0	0.5	0	0.5	1	0.5	0	0	-	5	2	3	-	14.5
42	1	1	0	0.5	0	0	1	1	0.5	0	7.5	-	2	3.5	-	18
43	0	1	0	0	0.5	0	1	1	0.5	0	7.5	-	-	0	4	15.5
44	0.5	0.5	0	0	0.5	0	0	0	0	0	7	-	2.5	-	0	11
45	0.5	1	0.5	0	0.5	0	0	1	0	0	7	-	2.5	-	2.5	15.5
46	0.5	1	0	0	0	0	0	1	1	0	0	8	-	4	2	17.5
47	1	1	1	1	0.5	0	1	1	0.5	1	9	-	-	4	3	24
48	1	1	0	0.5	0.5	0	1	1	0.5	1	-	5	-	3	2	16.5
49	0.5	1	0.5	0	0	0	0	1	0.5	0	-	6	-	4	3.5	17
50	1	1	1	1	1	0.5	1	1	0.5	0	9	-	4	4	-	25
51	1	0	1	1	0.5	0.5	0.5	1	0	0	3	-	-	1	3	12.5
52	1	1	0	0	0.5	1	0	0	0.5	0	-	8	-	4	4.5	20.5
53	1	1	1	0	0.5	0	1	1	0	1	6	-	-	4	2.5	19
54	1	1	1	0.5	1	0	1	1	0.5	0	9.5	-	-	5	4.5	26
55	1	0	1	0	1	0	0.5	0	0.5	0	8	-	2	-	3	17
56	0.5	0.5	0.5	0	1	0	1	0	0.5	0	8	-	1	-	3.5	16.5
57	0.5	0	1	0	1	0	0	0	0	1	8	-	1	-	2	14.5
58	0.5	0	0	0	0.5	0	1	0	0	0	3	-	2	1	-	8
59	1	0.5	1	0	1	0	1	1	0.5	1	9	-	2	-	4	22
60	1	0	0.5	0	1	0.5	1	1	0.5	0	7	6	2	3.5	-	24
61	1	0	0.5	0	1	0.5	1	1	0.5	0	6.5	-	-	4	-	16
62	1	0	1	0	1	0	1	1	0.5	0	8	-	-	3.5	4.5	21.5
63	1	0	0.5	0	1	0	1	0	0	0	6.5	-	-	3	3.5	16.5
64	1	0	0.5	0	1	0	1	0	0.5	0	8	5	2	4	4.5	27.5
65	0.5	0	0.5	0	0.5	0	0	0	0	0	0	-	2	-	3.5	7
66	1	0	0.5	0	1	0	1	1	0	0	8	-	-	4	3.5	20
67	1	0	1	0	1	0	1	1	0.5	0.5	4	-	2	3.5	2.5	18





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VIVA INSTITUTE OF PHARMACY
At. Shirgaon, Veer Sawarkar Road, Virar (E),
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EXAMINER: DR V aishali shah
CLASS:- TY BPharm
SUBJECT:- Herbal drug technology
Div. :-

DATE:17/2/23
SEM:- VI
SESSIONAL :- I
TOTAL MARKS :-30

SESSIONAL THEORY MARKSHEET

Roll No.	Q 1										Q 2		Q 3			Total
	a	b	c	d	e	f	g	h	i	j	a	b	a	b	c	
68	1	0	1	0	1	0	1	1	0.5	0.5	8		2	1	-	17
69	1	0	1	0.5	1	0	1	0	0.5	0	9		2.5	3	3.5	23
70	1	0	1	1	1	0	1	0	0	0	4.5		-	4.5	4.5	18.5
71	1	0	0	1	0	0.5	0	0.5	0	0.5	-	6	-	3.5	0	13
72	1	0	1	1	1	0.5	1	0	0	0.5	3.5		-	4	3	16.5
73	1	0	1	1	1	0	1	0	0.5	0	8		1	4.5	-	19
74	1	0	0.5	0	1	0	1	0	0	0	9		-	3	2	17.5
75	1		0.5		1		1				4	5	-	4.5	3.5	20.5
76	1	0	0.5	0.5	0	0	1	1	0.5	0	-	8	-	4.5	4.5	21.5
Total	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76
students who have not attempted	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Number of students attempted	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
Threshold marks	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	6	6	3	3	3	18
Students above 60%	54	23	34	28	39	5	50	43	5	9	44	16	3	52	39	39
% students above 60%	72	30.66667	45.33333	37.33333	52	6.666667	66.66667	57.33333	6.666667	12	58.66667	21.33333	4	69.33333	52	52
CO	1	1	1	1	1	1	1	2	1	1	1	2	1	2	1	
Level	3	0	0	0	1	0	2	1	0	0	1	0	0	2	1	
CO 1	3	0	0	0	0	0	2		0	0	1		0		1	0.545455
CO 2								1				0		2		1

Sessional I				
Co	CO 1	CO 2	CO 3	CO 4
Level	0.545455	1		

Subject Incharge

Level
If 70% students score more than 60% 3
If 60% students score more than 60 % 2
If 50 % students score more than 60 % 1

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4. Sessional II Mark sheet

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VIVA INSTITUTE OF PHARMACY
At. Shirgaon, Veer Sawarkar Road, Virar (E),
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SESSIONAL THEORY MARKSHEET

EXAMINER :- DR V aishali shah
CLASS:- TY BPharm
SUBJECT:- Herbal drug technology
Div. :-

DATE:17/2/23
SEM:- VI
SESSIONAL :- II
TOTAL MARKS :-30

Roll No.	Q 1										Q 2 (any one)		Q 3 (any two)			Total
	1	2	3	4	5	6	7	8	9	10	1	2	1	2	3	
1	1	1	1	1	1	1	1	1	1	1	10	10	5	5	5	0
2	1	1	0	0.5	0	0.5	1	0	0	1	8.5	4.5	4	4	4	22
3	0.5	1	0.5	1	0	0	1	0	0	0	8	4	4	4	1	17
4	0.5	0	1	0.5	0	1	1	1	0	0	7.5	4	4	4	3	19.5
5	0	0	0	0	0	0	0	1	0	0	6	4	4	0	2	9
6	0	1	1	0	0	0	0.5	0.5	1	0	7	4	4	4	1	16
7	1	0.5	0	0	0	0	0	0	0	0	7.5	4	4	4	2	15
8	1	1	0	0	0	0	0	0	0	0	8.5	4	4	4	1	15.5
9	0	0.5	0	0	0	0	1	0	0	0	8.5	4	4	4	0	14
10	1	1	0	1	0	0	0.5	0	0	0	5	0.5	4	4	1	10
11	1	0.5	0	0	0	0	0.5	0	0	0	7	4	4	4	1.5	14.5
12	1	1	0	0	0	0	0.5	0	0	0	8	4.5	4	4	1.5	16.5
14	1	1	0.5	0	0	1	0	0.5	0	0	8.5	4	4	4	3	19.5
15	1	1	0	0	0	1	0	0	0	0	8.5	4.5	4	4	2.5	18.5
16	1	1	1	0.5	0	1	0.5	0	0	0	8.5	4.5	4	4	2.5	20.5
17	1	0	0	0	0	0	0	0	0	0	5	4	4	3.5	2	11.5
18	1	1	1	0.5	0	1	1	1	1	1	8.5	4.5	4	4	4.5	26
19	1	1	0	0.5	0	0	0	1	0	0	8.5	4	4	4	4	16
20	1	1	0	0	0	0	0	0	0	0.5	8	4	4	4	0.5	15
21	1	1	0	1	0	0	0	0.5	0	0	6	4	4	1	4	14.5
22	1	1	0	0.5	0	0	0	0	0	0	8.5	2	4	4	0	13
23	1	1	0	1	0	0	0	0	0	0	8	2	4	4	1.5	14.5
24	1	1	0	1	0	0	0	0	0	0	8.5	3.5	4	4	3.5	18.5
25	1	1	0	1	1	1	1	1	1	0	8.5	4	4	4	4	23.5
26	1	1	0	0	0	1	1	0.5	0	0	8	4.5	4.5	4	4	21.5
27	1	1	0	0.5	0	1	1	0	0	0	8	3.5	4.5	4	4	20.5
28	0	1	0	0.5	0	0	1	0	0	0	0	4.5	0	4	4	7
29	1	0	0	0	0	0	0	0	0	0	8	4	4	4	1.5	14.5
30	0	1	0	0	0	0	0	1	0	0	8	4	4	4	3.5	17.5
31	1	0	0	0	0	0	0	0	0	0	8	3	4	4	3	15
32	1	0	0	0	0	0	0	0	0	0	8	2.5	4	4	2	13.5
33	1	0	0	0	0	0	0	0	0	0	6.5	2	4	4	1	10.5
34	0	1	0	0	0	0	0	1	0	1	5	3	4	4	0	11
35	1	1	0	0	0	0	0	0	0	0	8	3.5	4	4	2.5	16
36	0	0	0	0	0	0	0	0	0	0	8	3.5	4	4	2	13.5
37	0	0	0	0	0.5	0.5	0	0.5	0	0	8.5	4	4	2	1.5	13.5
38	0	1	0	0.5	0	0.5	1	1	0	0	8.5	4.5	4.5	4	4	21.5
39	0	1	0	0.5	1	0	1	0.5	0	0	7	4	4	4	4	19

[Signature]

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At. Shirgaon, Veer Sawarkar Road, Virar (E),
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SESSIONAL THEORY MARKSHEET

EXAMINER :- DR V nishali shah
CLASS :- TY BPharm
SUBJECT :- Herbal drug technology
Div. :-

DATE: 17/2/23
SEM :- VI
SESSIONAL I - II
TOTAL MARKS :- 30

Roll No.	Q 1										Q 2 (any one)		Q 3 (any two)			Total
	1	2	3	4	5	6	7	8	9	10	1	2	1	2	3	
Marks	1	1	1	1	1	1	1	1	1	1	10	10	5	5	5	
40	0	0	0	0	0	0	0	0	0	0	2	2	3	2	7	
41	0	0	0	0	0	0	0	0	0	0.5	4	0	2.5	1	8	
42	0	0.5	0	0.5	0	0	1	0.5	0	0	8	3.5	3	1	17	
43	1	0	0	0	0	0	1	0	0	0	8.5	0	2	1	12.5	
44	1	0	0	0	0.5	0	0	0	0	0	7	3	0	2	11.5	
45	1	0	0	0	0	0	0	0	0	0	5	2	2	3	11	
46	1	1	0	0	0	0	0.5	0	0	0	7	4	0	1	14.5	
47	1	1	1	1	0	1	1	0.5	1	0	9	4	4	3	23.5	
48	1	0	1	0.5	0	1	0	0	0	0	8	1	2	2	14.5	
49	1	0	0	0	0	0	0	1	0	0	6	3.5	2	1	13.5	
50	1	1	0.5	0	0	1	1	1	1	0	8.5	4	3.5	2	22.5	
51	1	1	0	0	0	0	0	0	0	0	7	3	2	1	14	
52	1	1	0	0	0	0	0	0	0	0	8	4	1	1	15	
53	1	1	0	1	0	1	0	0	0	0	8.5	4	2	2	18.5	
54	1	1	1	1	0	1	0	1	0	0	9	4	4	1	23	
55	1	0	1	0	0	0	0.5	0	0	0	6.5	4	2	1	15	
56	1	0.5	1	0	0	1	0	0	0	0	7.5	4	3	1	18	
57	1	1	0	0	0	0	1	0	0	0	8.5	0	4.5	1	16	
58	1	0	0	0	0	0	0	0	0.5	0	7.5	0	2.5	1	11.5	
59	1	0	1	1	1	0	0	0	0	0	8.5	4.5	3	1	20	
60	1	1	0.5	0.5	0	1	0	1	0	0	7.5	4.5	0	1	17	
61	0	1	0	0	0	0	0	0	0	0	8	2	1	2	13	
62	1	0	1	1	1	0	0	0.5	0.5	0	8.5	4.5	1	4	21	
63	1	0	0	0	0	0	0	0	0	0	8	0	1	0	9	
64	0	1	0	0	0	0	0	0.5	0	0	8	0	1	2	11.5	
65	1	1	0.5	1	0	1	0	0	0	0	8.5	3.5	3.5	1	20	
66	0	1	0	1	0	0	0	0	0	0	8.5	0	4	4	18.5	
67	1	1	0	0	0	0	0	0	0	0	8.5	4.5	1	3.5	18.5	
68	1	1	0	0	0	0	0	0	0	0	8.5	0	2	1	13.5	
69	1	1	0.5	1	0	0	0	1	0	0	8.5	0	4.5	4	21.5	
70	1	1	0	0	0	1	0	0	0	0	8	0	3.5	1	14.5	
71	1	1	0	0	0	0	1	0	0.5	0	2	3.5	1	2	11	
72	1	1	0	0	0	0	0	0	0	0	8	3	1	2	15	
73	1	1	0	0	0	0	0	0	0	0	8.5	3.5	1	2.5	16.5	
74	0	1	0	1	0	0	0	0	0.5	0.5	9	4.5	1	4	20.5	
75	1	1	0	1	0	0	0	0	0	0	7.5	4	1	2	16.5	
76	1	1	1	1	0	0.5	0	0	0	0	8	4	1	4.5	21	
Total students	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	
students who have not attempted	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
Number of students attempted	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	
Threshold marks	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	6	6	3	3	18	
Students above 60%	55	48	12	17	3	17	17	12	5	3	1	65	52	13	25	
% students above 60%	74.32432	64.86486	16.21622	22.97297	4.054054	22.97297	22.97297	16.21622	6.756757	4.054054	1.351351	87.83784	70.27027	17.56757	33.78378	
CO	2	2	2	3	2	3	2	3	2	2	2	3	4	2	2	
Level	3	2	0	0	0	0	0	0	0	0	0	3	3	0	2	

Sessional II CO											Average
CO2	3	2	0	0	0	0	0	0	0	0	0.636364
CO3	0	0	3	3							1.5
CO4	3										3

Sessional II				
Co	CO 1	CO 2	CO 3	CO 4
Level	0.636364	1.5	3	

Subject Incharge

Principal
VIVA INSTITUTE OF PHARMACY





Vishnu Waman Thakur Charitable Trust's VIVA Institute of Pharmacy

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5. Continuous Assessment

Vishnu Waman Thakur Charitable Trust's
VIVA INSTITUTE OF PHARMACY
At. Shirgaon, Veer Sawarkar Road, Virar (E),
Taluka: Vasai, Dist. Palghar - 401305, Maharashtra.

Subject Incharge :- DR Vaishali Shah
CLASS :- TY BPharm
SUBJECT :- Herbal drug technology

SEM:- VI
Subject code : BP 603T

Continuous assesment

Roll no	Students Name	Continuous assesment (10)		Student teacher Inetraction
		Attendance	assignment & quiz	
		4	3	3
1	AGHAV PAWAN VISHNU SHOBHA	Absent		
2	ANSARI AMEERHAMZA IRSHAD AMINA	2	3	3
3	AREKAR MAYURESH MANGESH MANSI	2	3	3
4	BAIT JAGRUTI SAKHARAM SUNITA	4	3	3
5	BANDRE ASHISH VINOD VANITA	1	3	2
6	BARNAWAL AKASH RAJESH KIRAN	3	3	3
7	BETHU POOJA GANESH UMA	0	3	2
8	BHAVE RAJ RAJENDRA SONALI	0	3	2
9	BHOIR ESHA NITIN NEETA	3	3	3
10	BHOIR MANJIRI HARESHWAR SANJIVANI	2	3	3
11	BHOIR MRUNAYEE KASHINATH KANCHAN	0	3	2
12	BODKE SAKSHI MADHUKAR SHUBHANGI	1	3	2
13	CHALKE RITIKA RAJENDRA ROSHNI	0	2	2
14	CHOWKEKAR SHRADDHA CHANDRAKANT SNEHAL	4	3	3
15	DANDU RUCHITA SANJEEV TULSIBAI	2	3	3
16	DEVALE MANALI KRISHNA NIRMALA	3	3	3
17	DHAMAL ASHWIN DILIP KALPANA	1	3	2
18	DIVEKAR PRACHITI ROHIDAS LAXMI	4	3	3
19	DIXIT BHAKTI RAJEEVKUMAR PRATIBHA	3	3	3
20	DIXIT DIKSHA RAMCHANDRA KIRTI	1	3	3
21	GALANDE KSHITIJA ANIL KRANTI	3	3	3
22	JADHAV OMKAR MANGAL ANITA	0	2	2
23	JAIN LAXMI VINOD PRITI	1	2	2
24	JAMADAR MOHAMMAD SHADAB ABDUL SHAKEEL F	0	2	2
25	JIKAMDE ADITI SHAILESH SHRADDHA	3	3	3
26	KAVE NIKITA NITIN GEETA	3	2	3
27	KHAN MOHAMMAD ISMAIL MAZIBUR RAHMAN ASM	0	2	2
28	KORE ROHINI VIJAYKUMAR CHHAYA	1	2	2
29	KORI URVESH LALBAHADUR REKHA	0	2	1
30	KUMBHAR ANUSHKA MAHESH DIPALI	0	3	2
31	KUMBHAR GAYATRI SHARAD SANGITA	2	3	3
32	KURMI MANISH VINOD KIRAN	0	2	2
33	MAHADIK MANALI DATTARAM SHWETA	3	3	3
34	MANKAR BHAVISHA HARESHKUMAR PRITI	2	3	3
35	MHATRE SAYALI SANTOSH DIPALI	3	3	3
36	MISHRA RIDDHI RAMAKANT SUNITA	0	2	2
37	MISHRA SHIVANSHU BIRENDRA SUDHA	1	3	3
38	MISTRY YASH KISHOR BHARTI	0	2	2
39	MORYA SUJIT DHARMENDRA KUMAR KANCHAN	0	3	2
40	NANAVARE YASHIKA ANIL POOJA	0	3	2
41	PANCHAL JAY RAKESHBHAI HARSHIDABEN	0	2	2
42	PANDEY SHUBH ASHISHKUMAR SUDHA	3	2	3
43	PARAB YOGESH SANTOSH SRUSHTI	3	2	3





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Vishnu Waman Thakur Charitable Trust's
VIVA INSTITUTE OF PHARMACY
At. Shirgaon, Veer Sawarkar Road, Virar (E),
Taluka: Vasai, Dist. Palghar - 401305, Maharashtra.

Subject Incharge :- DR Vaishali Shah
CLASS :- TY BPharm
SUBJECT :- Herbal drug technology

SEM:- VI
Subject code : BP 603T

Continuous assesment

Roll no	Students Name	Attendance	assignment & quiz	Student teacher Inetraction
44	PARMAR LAVISH NARESH DAMAYANTI	1	3	2
45	/ PATEL JANAVIE RAKESHHAIR PRITIBEN	0	3	3
46	/ PATIL ANKITA SURESH SUJATA	0	2	2
47	/ PATIL CHINMAYEE NARENDRA APARNA	0	2	3
48	/ PATIL MANASVI RAKESH MEENA	0	3	2
49	/ PATIL RUTUJA KISHOR VRUSHALI	1	2	2
50	/ PAWAR DHANASHREE SANTOSH SEJAL	4	3	3
51	/ PAWAR OM MANGESH SUNANDA	0	2	2
52	/ PAWAR POORNIMA AJIT AMITA	3	3	3
53	/ PIMPODKAR JESAL VIJAY SUNITA	4	3	3
54	/ PUJARI NEHA PUSHKAR PUSHPA	3	3	3
55	/ RAJPUT AYUSH RAMESHSINGH RUPALI	0	3	1
56	/ RAKVI PIYUSHA GAJENDRA VAISHALI	1	3	2
57	/ SAHU ANAMIKA BASANTLAL VANDANA	1	2	2
58	/ SANKHE SIDDHIKESH MAHESH MANASI	2	2	2
59	/ SAWANT SHRADDHA HANUMANT USHA	3	2	3
60	/ SHAH DHWANI HITESH SEEMA	3	3	3
61	/ SHAH JADNAM MAHENDRA SUDHA	1	2	2
62	/ SHAIKH TAIBA FIROJ ANISHA	1	3	2
63	/ SHINDE KOMAL SUNIL SAKSHI	1	3	2
64	/ SHINDE PRADNYA UDAY ULKA	1	3	2
65	/ SHITKAR MANAV MAHESH VANDANA	1	2	2
66	/ SHUKLA NIKITA SURENDRA ANJU	1	2	2
67	/ SINGH KOMAL ABHAYRAJ REENA	1	3	2
68	/ SINGH SAKSHI RAJESH MEENA	0	2	2
69	/ SINGH VINAYAK ANILKUMAR MANJU	1	3	2
70	/ SOLMINDE GAYATRI SHIVAJI ULKA	0	2	2
71	/ SURYAVANSHI KOMAL JAIVANT SUMAN	2	2	3
72	/ TAMBHE TANUSHREE DEEPAK ANJALI	3	3	3
73	/ THAKOR KEYURSIKH HEMANTSINH VIDYA	1	3	2
74	/ THATIPAMULA SOUMYA RAMESH APARNA	1	2	2
75	/ VENGURLEKAR DIVYAL MANGESH SHRADDHA	0	2	2
76	/ YADAV ROHIT SUBHASH MANJU	1	3	2
Total students		76	76	76
Students who have not attempted		1	1	1
Number of students attempted		75	75	75
Threshold marks		24	1.8	1.8
Students above 60%		21	75	73
% students above 60%		28	100	97.33333333
		All CO	all co	all co
Level		0	3	3
Average		2		

percentage	level
>70 %	3
>60 %	2
> 50 %	1

Subject Incharge

Signature

VIVA Institute of Pharmacy
VIRAR





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6. End Semester Exam Mark sheet

Vishnu Waman Thakur Charitable Trust's
VIVA INSTITUTE OF PHARMACY
 At. Shirgaon, Veer Sawarkar Road, Virar (E),
 Taluka: Vasai, Dist. Palghar - 401305, Maharashtra.

Academic Year: 2022-23

Semester: VI

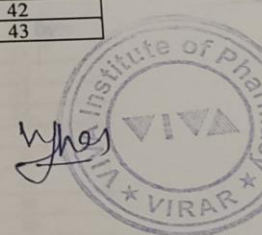
Course Name & Abbr: Herbal Drug Technology (HDT)

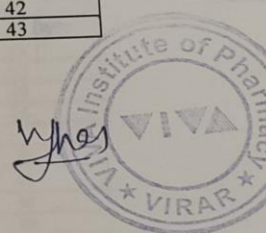
Name of the Faculty: Dr Vaishali Shah

Course Code: BP603

End semester Exam

Roll no	Exam No	Students Name	out of 75
1	623901	AGHAV PAWAN VISHNU SHOBHA	Absent
2	623902	ANSARI AMEERHAMZA IRSHAD AMINA	59
3	623903	AREKAR MAYURESH MANGESH MANSI	53
4	623904	/ BAIT JAGRUTI SAKHARAM SUNITA	52
5	623905	BANDRE ASHISH VINOD VANITA	47
6	623906	BARNAWAL AKASH RAJESH KIRAN	47
7	623907	/ BETHU POOJA GANESH UMA	45
8	623908	BHAVE RAJ RAJENDRA SONALI	50
9	623909	/ BHOIR ESHA NITIN NEETA	45
10	623910	/ BHOIR MANJIRI HARESHWAR SANJIVANI	40
11	623911	/ BHOIR MRUNAYEE KASHINATH KANCHAN	48
12	623912	/ BODKE SAKSHI MADHUKAR SHUBHANGI	54
13	623913	/ CHALKE RITIKA RAJENDRA ROSHNI	51
14	623914	/ CHOWKEKAR SHRADDHA CHANDRAKANT SNEHAL	60
15	623915	/ DANDU RUCHITA SANJEEV TULSIBAI	52
16	623916	/ DEVALE MANALI KRISHNA NIRMALA	54
17	623917	DHAMAL ASHWIN DILIP KALPANA	40
18	623918	/ DIWEKAR PRACHITI ROHIDAS LAXMI	55
19	623919	/ DIXIT BHAKTI RAJEEVKUMAR PRATIBHA	46
20	623920	/ DIXIT DIKSHA RAMCHANDRA KIRTI	43
21	623921	/ GALANDE KSHITIJA ANIL KRANTI	46
22	623922	JADHAV OMKAR MANGAL ANITA	49
23	623923	/ JAIN LAXMI VINOD PRITI	53
24	623924	JAMADAR MOHAMMAD SHARAD ABDOUL SHAKIEL	58
25	623925	/ JIKAMDE ADITI SHAILESH SHRADDHA	59
26	623926	/ KAVE NIKITA NITIN GEETA	55
27	623927	KHAN MOHAMMAD ISMAIL MAZIBUR RAHMAN ASMA	60
28	623928	/ KORE ROHINI VIJAYKUMAR CHHAYA	33
29	623929	KORI URVESH LALBAHADUR REKHA	52
30	623930	/ KUMBHAR ANUSHKA MAHESH DIPALI	54
31	623931	/ KUMBHAR GAYATRI SHARAD SANGITA	46
32	623932	KURMI MANISH VINOD KIRAN	46
33	623933	/ MAHADIK MANALI DATTARAM SHWETA	36
34	623934	/ MANKAR BHAVISHA HARESHKUMAR PRITI	35
35	623935	/ MHATRE SAYALI SANTOSH DIPALI	42
36	623936	/ MISHRA RIDDHI RAMAKANT SUNITA	43







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Vishnu Waman Thakur Charitable Trust's
VIVA INSTITUTE OF PHARMACY
At. Shirgaon, Veer Sawarkar Road, Virar (E),
Taluka: Vasai, Dist. Palghar - 401305, Maharashtra.

Academic Year: 2022-23
Semester: VI
Course Name & Abbr: Herbal Drug Technology (HDT)
Name of the Faculty: Dr Vaishali Shah

Course Code: BP603
End semester Exam

Roll no	Exam No	Students Name	out of 75
37	623937	MISHRA SHIVANSHU BIRENDRA SUDHA	47
38	623938	MISTRY YASH KISHOR BHARTI	57
39	623939	MORYA SUJIT DHARMENDRA KUMAR KANCHAN	46
40	623940	/ NANAVARE YASHIKA ANIL POOJA	44
41	623941	/ PANCHAL JAY RAKESHBHAI HARSHIDABEN	40
42	623942	PANDEY SHUBH ASHISHKUMAR SUDHA	53
43	623943	PARAB YOGESH SANTOSH SRUSHTI	37
44	623944	PARMAR LAVISH NARESH DAMAYANTI	43
45	623945	/ PATEL JANAVIE RAKESHBHAI PRITIBEN	50
46	623946	/ PATIL ANKITA SURESH SUJATA	52
47	623947	/ PATIL CHINMAYEE NARENDRA APARNA	56
48	623948	/ PATIL MANASVI RAKESH MEENA	39
49	623949	/ PATIL RUTUJA KISHOR VRUSHALI	44
50	623950	/ PAWAR DHANASHREE SANTOSH SEJAL	61
51	623951	PAWAR OM MANGESH SUNANDA	50
52	623952	/ PAWAR POORNIMA AJIT AMITA	55
53	623953	/ PIMPODKAR JESAL VIJAY SUNITA	61
54	623954	/ PUJARI NEHA PUSHKAR PUSHPA	65
55	623955	RAJPUT AYUSH RAMESHSINGH RUPALI	57
56	623956	/ RAKVI PIYUSHA GAJENDRA VAISHALI	55
57	623957	/ SAHU ANAMIKA BASANTLAL VANDANA	46
58	623958	SANKHE SIDDHIKESH MAHESH MANASI	37
59	623959	/ SAWANT SHRADDHA HANUMANT USHA	61
60	623960	/ SHAH DHWANI HITESH SEEMA	53
61	623961	SHAH JAINAM MAHENDRA SUDHA	49
62	623962	SHAIKH TAIBA FIROJ ANISHA	61
63	623963	/ SHINDE KOMAL SUNIL SAKSHI	49
64	623964	/ SHINDE PRADNYA UDAY ULKA	52
65	623965	SHITKAR MANAV MAHESH VANDANA	47
66	623966	/ SHUKLA NIKITA SURENDRA ANJU	53
67	623967	/ SINGH KOMAL ABHAYRAJ REENA	59
68	623968	/ SINGH SAKSHI RAJESH MEENA	46
69	623969	SINGH VINAYAK ANILKUMAR MANJU	54
70	623970	/ SOLMINDE GAYATRI SHIVAJI ULKA	54
71	623971	/ SURYA VANSHI KOMAL JAIVANT SUMAN	48
72	623972	/ TAMBHE TANUSHREE DEEPAK ANJALI	45
73	623973	THAKOR KEYURSINH HEMANTSINH VIDYA	52
74	623974	/ THATIPAMULA SOUMYA RAMESH APARNA	53
75	623975	/ VENGURLEKAR DIVYAL MANGESH SHRADDHA	60
76	623976	YADAV ROHIT SUBHASH MANJU	48
		Total students	76
		Students who have not attempted	1
		Number of students attempted	75
		Threshold marks	45
		Students above 60%	60
		% students above 60%	80
		CO	All CO
		Level	3

percentage	level
>70 %	3
>60 %	2
> 50 %	1

Subject Incharge

Institute of Pharmacy
VIVA
VIRAR





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7. CO-PO Attainment

Vishnu Waman Thakur Charitable Trust's
VIVA INSTITUTE OF PHARMACY
At. Shirgaon, Veer Sawarkar Road, Virar (E),
Taluka: Vasai, Dist. Palghar - 401305, Maharashtra.

Academic Year: 2022-23 Year: Third Year B. Pharm
Semester: VI Course Code: BP603T
Course Name & Abbr: Herbal Drug Technology (HDT)
Name of the Faculty: Dr Vaishali Shah

Course	
CO1	To Understand raw material as source of herbal drugs from cultivation to herbal drug product & Ayurvedic
CO2	To know the development of herbal cosmetics, natural sweeteners, nutraceuticals and other herbal formulation
CO3	To Know the WHO and ICH guidelines for evaluation of herbal drugs and other regulatory Issues
CO4	To understand patenting of herbal drugs, GMP and herbal drug industry

Co from internal assessment

	CO1	CO2	CO3	CO4	Average
Sessional I	0.55	1.00			
Sessional II		0.64	1.50	3.00	
Continuous assesment	2.00	2.00	2.00	2.00	
Average	1.27	1.21	1.75	2.50	1.68
25 % internal	0.32	0.30	0.44	0.63	0.42

CO from End semester exam

Semester	3.00	3.00	3.00	3.00	3.00
75% Semester	2.25	2.25	2.25	2.25	2.25
Total internal and semester				Total	2.67

	CO1	CO2	CO3	CO4	Average	Total
Subject name	0.32	0.30	0.44	0.63	0.42	2.67
Herbal drug technology	2.25	2.25	2.25	2.25	2.25	

W. Shah
Sign of subject teacher

