

.....
Ms. Poonam
Asst. Prof. of Chemistry

Ms. Seema
Asst. Prof. of Chemistry

Subject: Approval for "Organic Skin & Hair-care products" by the Board of Studies

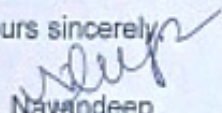
Dear Ms. Poonam & Seema,

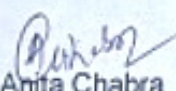
I am pleased to inform you that after careful consideration and review by the Board of Studies, has approved "Organic Skin & Hair-care products" which spans over 30+ hours of instruction.

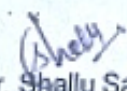
This course has been evaluated thoroughly to ensure its alignment with our institution's academic standards and objectives. We believe that it will significantly contribute to the academic enrichment of our students and align with our commitment to providing high-quality education.

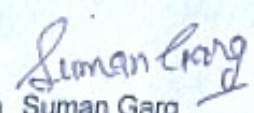
Thank you for your interest and support in our academic endeavors.

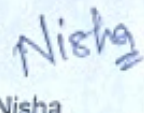
Yours sincerely,



Dr. Nayandeep
Assoc. Prof. in Eco.
Convener


Dr. Anita Chabra
Asst. Prof. in Hindi
Member


Dr. Shalu Sachdeva
Asst. Prof. in Hist.
Member


Suman Garg
Asst. Prof. in Eng.
Member


Nisha
Asst. Prof. in Physics
Member


Officiating Principal
S-D. Mahila Mahavidyalaya
NARWANA

Skill oriented certificate course
Topic- Organic skin and hair- care products
Syllabus

Unit 1-Acids and Bases

- 1.1 arrhenius concept
- 1.2 bronsted lowry concept
- 1.3 lewis concept of acids and bases
- 1.4 heart soft acid base concept

Unit 2-Soaps and its synthesis

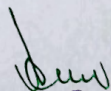
- 2.1 saponification reaction- preparation of soaps
- 2.2 structure, mechanism and examples
- 2.3 saponification value
- 2.4 hard and soft water

Unit 3-Cleansing action of soaps

- 3.1 soaps and detergents
- 3.2 micelle formation

Unit 4-Mole concept

- 4.1 compounds and mixtures
- 4.2 concentration and its types


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Skill Oriented Certificate Course Paper Pattern

Topic- Organic Skin and Hair-Care Products

Theory

M.M-20

Time - 1:00 hour

Note:- Paper Setter will set 5 question in all. Question No. 1 Comprising of 4 short types Questions carrying 1 Marks each, is compulsory. It Covers the entire syllabus. Candidate is required to attempt all questions carrying 4 marks each.

"Practicals"

MM-20

Time- 1:00 hour

Note-Do any one experiment from the three products.

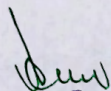
* The Practical examination will be held in a Single Session of 1 hour.

Distribution of Marks:

Experiments- 15 marks

Viva Voice- 05 marks

Total- 20 marks


Officiating Principal
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Ph. No. 01684-240161

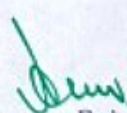


S D MAHILA MAHAVIDYALYA
NARWANA-126116 (JIND) HARYANA

Dated:-...30/08/2021

Notice

बी एस सी प्रथम वर्ष की सभी छात्राओं को सूचित किया जाता है कि 01 सितम्बर 2021 से महाविद्यालय में Organic skin and Hair-Care प्रोडक्ट पर 30 घंटे का सर्टिफिकेट कोर्स करवाया जाएगा और कोर्स के अंत में परीक्षा ली जाएगी और छात्राओं को प्रमाण पत्र दिए जाएंगे।


Officiating Principal
S.D. Mahila Mahavidyalaya
NARWANA



S.D Mahila Mahavidyalaya, Narwana

**Chemistry Department
organises**

**30 days
Skill Oriented Certificate
Course on**

Organic Skin and Hair-Care Products

Date:1st September,2021

HOD:

Mrs.Nisha

Principal:

Dr.Anjana Lohan

S.D. Mahila Mahavidyalya, Narwana
 Participant Attendance Sheet :- B.S. (Nurs. Midical) Sem - 2
 from 1st Sept. 2021 to 6th October 2021

Session.....2021-22

Sr.No.	Name	Roll No.	September 2021																												Total	Signature	
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28			29
1	MENKA	1211913015001	P	P	P	P	S	P	P	P	P	P	S	P	P	P	P	P	P	P	P	P	P	P	P	P	S	P	P	P	P	28	
2	ANU	1211913015002	P	P	P	P	U	P	P	P	P	U	P	P	P	P	P	P	P	P	P	P	P	P	P	P	U	P	P	P	P	28	
3	KIRANPAL	1211913015003	P	P	P	N	P	P	P	P	P	N	P	P	P	P	P	P	P	P	P	N	P	P	P	P	P	N	P	P	P	28	
4	SEAL	1211913015004	P	P	P	P	D	P	P	P	P	D	P	P	P	P	P	P	P	P	P	D	P	P	P	P	P	D	P	P	P	28	
5	ANU	1211913015006	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	28	
6	POOLA	1211913015007	P	P	P	P	Y	P	P	P	Y	P	P	P	P	P	P	P	P	P	Y	P	P	P	P	P	Y	P	P	P	P	28	
7	KAJAL	1211913015008	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	
8	NANCY RANI	1211913015009	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	
9	NISHU	1211913015010	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	
10	KUSUM	1211913015011	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	
11	MANITU	1211913015012	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	
12	KOMAL	1211913015013	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	
13	SHALU DEVI	1211913015014	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	
14	PRIVANKA	1211913015015	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	
15	ARTI	1211913015016	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	
16	KOMAL	1211913015019	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	
17	NIMMY DEVI	1211913015020	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	
18	ANCHAL	1211913015021	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	
19	PRIYA	1211913015023	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	
20	TAMANNA	1211913015024	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	
21	PRITI DEVI	1211913015025	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	
22	PAYAL	1211913015028	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	
23	SAKSHI	1211913015029	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	
24	PRIYA	1211913015030	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	
25	ANU	1211913015031	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	
26	ANALI	1211913015032	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	
27	ANALI	1211913015033	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	
28	SWATI	1211913015035	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	
29	ANJALI SHARMA	1211913015036	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	
30	SAKSHI	1211913015038	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	
31	MANJU DEVI	1211913015039	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	
32	NEHA	1211913015040	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	
33	MINAKSHI	1211913015041	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	

Total Signature

Signature: Sakshi, Priya, Anjali, Swati, Anjali Sharma, Sakshi, Manju Devi, Neha, Minakshi.
 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

S.D. Mahila Mahavidyalya, Narwana

Participant Attendance Sheet :- B.Sc. (Non-Medical) Sem-1
 from 1st Sept. 2021 to 6th October 2021

Session 2021-22

October 2021

Sl.No.	Name	Roll No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Total	Signature
1	MENKA	1211913015001	P	H	S	P	P	P				S			H	H	H	4	Menka Anu
2	ANU	1211913015002	P	O	V	P	P	.				V			O	O	O	4	Anu
3	KIRANPAL	1211913015003	P	L	N	P	P	P				N			L	L	L	4	Kiranpal
4	SEJAL	1211913015004	P	I	D	P	P	.				D			I	I	I	4	Sejal
5	ANJU	1211913015006	P	D	A	P	P	P				A			D	D	D	4	Anju
6	POOJA	1211913015007	P	A	V	P	P	P				V			A	A	A	4	Pooja
7	KAJAL	1211913015008	P	V	I	P	P	P				I			V	V	V	4	Kajal
8	NANCY RANI	1211913015009	P	I	I	P	P	P				I			I	I	I	4	Nancy Rani
9	NISHU	1211913015010	P	I	I	P	P	P				I			I	I	I	4	Nishu
10	KUSUM	1211913015011	P	I	I	P	P	P				I			I	I	I	4	Kusum
11	MANITU	1211913015012	.	I	I	P	P	P				I			I	I	I	4	Manitu
12	KOMAL	1211913015013	P	I	I	P	P	P				I			I	I	I	4	Komal
13	SHALU DEVI	1211913015014	P	I	I	P	P	P				I			I	I	I	4	Shalu Devi
14	PRIYANKA	1211913015015	P	I	I	P	P	P				I			I	I	I	4	Priyanka
15	ARTI	1211913015016	P	I	I	P	P	P				I			I	I	I	4	Arti
16	KOMAL	1211913015019	P	I	I	P	P	P				I			I	I	I	4	Komal
17	NIMMY DEVI	1211913015020	P	I	I	P	P	P				I			I	I	I	4	Nimmy Devi
18	ANCHAL	1211913015021	P	I	I	P	P	P				I			I	I	I	4	Anchal
19	PRIYA	1211913015023	P	I	I	P	P	P				I			I	I	I	4	Priya
20	TAMANNA	1211913015024	P	I	I	P	P	P				I			I	I	I	4	Tamanna
21	PRITI DEVI	1211913015025	P	I	I	P	P	P				I			I	I	I	4	Priti Devi
22	PAYAL	1211913015028	.	I	I	P	P	P				I			I	I	I	3	Payal
23	SAKSHI	1211913015029	.	I	I	P	P	P				I			I	I	I	3	Sakshi
24	PRIYA	1211913015030	P	I	I	P	P	P				I			I	I	I	3	Priya
25	ANJU	1211913015031	P	I	I	P	P	P				I			I	I	I	3	Anju
26	ANJALI	1211913015032	P	I	I	P	P	P				I			I	I	I	3	Anjali
27	ANJALI	1211913015033	P	I	I	P	P	P				I			I	I	I	3	Anjali
28	SWATI	1211913015035	P	I	I	P	P	P				I			I	I	I	4	Swati
29	ANJALI SHARMA	1211913015036	P	I	I	P	P	P				I			I	I	I	3	Anjali Sharma
30	SAKSHI	1211913015038	P	I	I	P	P	P				I			I	I	I	3	Sakshi
31	MANJU DEVI	1211913015039	P	I	I	P	P	P				I			I	I	I	4	Manju Devi
32	NEHA	1211913015040	.	I	I	P	P	P				I			I	I	I	3	Neha
33	MINAKSHI	1211913015041	P	I	I	P	P	P				I			I	I	I	4	Minakshi

Total Signature



Narwana, Haryana, India
H4V5+JG7, Bir Bal Nagar, Narwana, Narwana Rural, Haryana 126116, India
Lat 29.59416°
Long 76.109194°
15/09/21 11:38 AM GMT +05:30

 **GPS Map Camera**

Skill oriented certificate course
TOPIC- Organic Skin and Hair-Care Products
Question Paper Theory

MM-20

Time-1 hour

Question 1 has 5 questions carrying 2 marks each. Next 2 questions carry five marks.

All questions are compulsory.

1 (a) Ammonia is an acid or a base. Justify.

(b) What is a mixture?

(c) Give difference between atom and molecule.

(d) Can soaps give action in hard water? If not, why?

(e) What do you mean by hydrophilic nature?

2×5= 10

Q2. Give five differences between soap and detergent.

Q3. Explain different types of concentrations of a solution with proper examples.

2×5=10

S.D. MAHILA MAHAVIDYALYA, NARWANNA

Roll No. Class: B.Sc. Ist year Sec. Subject: Chemistry

Date: 08/10/21

Signature:

15/20
Sema

Q.1a)
Ans Ammonia is a base because it has nitrogen atom which contain lone pairs of electrons. So, it can donate its electrons to lives acid.



2

(b)
Ans Mixtures contain a solute or solvent. It is a physical combination of two or more substances that aren't chemically joined. For example, water and salt are separate substances that are mixed, create a mixture - sea water.

2

<u>Q.1c)</u>	<u>Atom</u>	<u>Molecule</u>
<u>Ans</u>		
(i) Most fundamental and smallest part that can exist of an element	(i) Two or more atoms chemically bonded together	
(ii) Oxygen - O Phosphorus - P	(ii) Oxygen - O ₂ Phosphorus - P ₄	

S.D. MAHILA MAHAVIDYALYA, NARWANNA

Roll No. 7 Class. B.Sc. It. year 2nd Sec. Subject. Chemistry

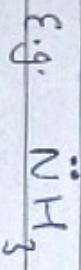
Date. 08-10-21

Signature.....

Que. 1 (a)

Ans

Ammonia is an base. because it has nitrogen atom which contains lone pair of electrons. Hence, it can donate its electrons to Lewis acids.



2

(b)

Ans.

Mixture contains a solute or solvent. a physical combination of two or more substances that aren't chemically joined. e.g. water and salt are separate substances that once mixed, create a mixture - seawater.

(c)

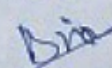
Ans

Atom - Smallest part that can exist of an element.	Molecules Two or more atoms chemically bonded together.
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Score 16/20

Result of Certificate Course in			
Organic Skin and Hair-care Products			
Session 2021-22		M.M 40	
SrNo.	Student Name	College Roll No.	Marks
1	MENKA	1211913015001	35
2	ANU	1211913015002	33
3	KIRANPAL	1211913015003	31
4	SEJAL	1211913015004	31
5	ANJU	1211913015006	30
6	POOJA	1211913015007	31
7	KAJAL	1211913015008	36
8	NANCY RANI	1211913015009	32
9	NISHU	1211913015010	32
10	KUSUM	1211913015011	34
11	MANITU	1211913015012	34
12	KOMAL	1211913015013	34
13	SHALU DEVI	1211913015014	38
14	PRIYANKA	1211913015015	32
15	ARTI	1211913015016	32
16	KOMAL	1211913015019	33
17	NIMMY DEVI	1211913015020	33
18	ANCHAL	1211913015021	34
19	PRIYA	1211913015023	34
20	TAMANNA	1211913015024	34
21	PRITI DEVI	1211913015025	34
22	PAYAL	1211913015028	31
23	SAKSHI	1211913015029	31
24	PRIYA	1211913015030	31
25	ANJU	1211913015031	31
26	ANJALI	1211913015032	33
27	ANJALI	1211913015033	33
28	SWATI	1211913015035	31
29	ANJALI SHARMA	1211913015036	31
30	SAKSHI	1211913015038	31
31	MANJU DEVI	1211913015039	33
32	NEHA	1211913015040	31
33	MINAKSHI	1211913015041	32
	Present	33	
	Absent	0	
	Total	33	


 Officiating Principal
 S.D. Mahila Mahavidyalaya
 NARWANA

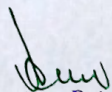


Report (2021-2022)

Skill Oriented Course on Organic skin and Hair-Care Products, Chemistry

The Certificate Course on Organic skin and Hair-Care Products offered by the Department of Chemistry, Mrs Poonam S.D.M.M.V Narwana was conducted from 1st September,2021 to 6th October ,2021 with a batch of 33 students and 33 students successfully completed the course. The students gained knowledge about saponification reaction, acids and bases, hard and soft water, compounds and mixtures etc. During this certificate Course students learn how to make different types of soaps, hair cleansers and sanitizers. Dr Anjana Lohan, Dr Nayandeep, Dr Shalu Schdeva, Nisha, Seema, Mahima were present at this event.

Seema
Nisha


Officiating Principal
S.D. Mahila Mahavidyalaya
NARWARA





S.D. MAHILA MAHAVIDYALYA

NARWANA (JIND)

(AFFILIATED TO CH. RANBIR SINGH UNIVERSITY, JIND)

Certificate of Participation



This is to certify that Miss **PRIYA** of Class **B.Sc. I** Participated in **Organic Skin & Hair Care Products Certificate Course (Session 2021-22)** Course for a duration of 30 hours organized in College Campus by Science Department.

Sheet

Convener

Nisha

Co-Convener

[Signature]

Principal



S.D. MAHILA MAHAVIDYALAYA

NARWANNA (JIND)

(AFFILIATED TO CH. RAMBIR SINGH UNIVERSITY, JIND)

Certificate of Participation

This is to certify that Miss **KUSUM** of Class **B.Sc. I** Participated in **Organic Skin & Hair Care Products Certificate Course (Session 2021-22)** Course for a duration of 30 hours organized in College Campus by Science Department.

Sheela

Convener

Nisha

Co-Convener

[Signature]

Principal

[Signature]
Officiating Principal
S.D. Mahila Mahavidyalaya
NARWANNA





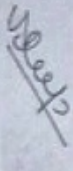
S.D. MAHILA MAHAVIDYALYA

NARWANNA (JIND)

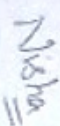
(AFFILIATED TO CH. RANBIR SINGH UNIVERSITY, JIND)

Certificate of Participation

This is to certify that Miss **TAMANNA** of Class **B.Sc. I** Participated in **Organic Skin & Hair Care Products Certificate Course (Session 2021-22)** Course for a duration of 30 hours organized in College Campus by Science Department.



Convener



Co-Convener

:



Principal



S.D. MAHILA MAHA VIDYALYA

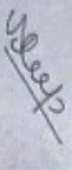
NARWANA (JIND)

(AFFILIATED TO CH. RANBIR SINGH UNIVERSITY, JIND)

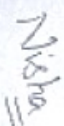
Certificate of Participation



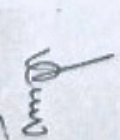
This is to certify that Miss **MENKA** of Class **B.Sc. I** Participated in **Organic Skin & Hair Care Products Certificate Course (Session 2021-22)** Course for a duration of 30 hours organized in College Campus by Science Department.

Sheetal

Convener

Nisha

Co-Convener



Principal