

K. J. Somaiya College of Arts, Commerce & Science, Kopargaon

Mohiniraj Nagar, Kopargaon, Tal: Kopargaon, Dist: Ahmednagar Pin-423601

Certificate Course in Environment & Health Awareness

Course Code:

CC.021

Urganized By:

Department of Microbiology

♣ Date of Commencement:

01/07/2016.

Lange 1 Duration of Course:

01 Month / (Min. 30 Hrs.)

Learning Coordinator:

Prof. P. K. Gakkhad



FACULTY OF SCIENCE,

Department of Microbiology

Application for Permission to commence Certificate Course: 2018-19

Date: 10/09/2018

To,

The Coordinator,

IQAC, K. J. Somaiya College,

Kopargaon

Subject: Regarding Permission to commence Certificate Course for S.Y.B.Sc (2018-19)

Respected Sir,

With reference to subject cited above, it is essential to start Certificate Course for the students of S.Y.B.Sc.Microbiology, so as to improve their awareness in respective subject. So please allow us to commence the Certificate Course classes w. e. from 17/09/2018 after regular classes.

HOPad

Department of Microbiology

Ki di Semaiya College, Kopargaon



Principal
Principal
Principal
K.J.Somaiya College of Art
Commerce & Science, Koparc



FACULTY OF SCIENCE,

Department of Microbiology

NOTICE

Certificate Course in Health and Environment Awareness

This course is designed for the awareness purpose regarding Health and Environment. This pandemic has badly hit our life's with severe Health issues. It has taught us many good things to be followed in our day-to-day life which has to be taken care of. So, Health is the first priority for us. I request all Students to Enrol yourself before 15th Sept 2018 to this Certificate Course and get educated and understand the importance of Health and Environment.

Syllabus for this Course is: -

Chapter 1- Introduction

Chapter 2- Health Awareness

Chapter 3- Environment Awareness

Chapter 4- Environmental Issues

Head.

Department of Microbiology K. J. Somaiya College, Kopargaon Dept. of Microbiology M

Principal

Principal
K.J.Somaiya College of Arts
Commerce & Manager, Kopargaon



FACULTY OF SCIENCE,

Department of Microbiology

Certificate Course in Health and Environment Awareness: 2018-2019

Date: 17/09/2018

Time Table for Certificate Course

Course Name: Certificate Course in Health and Environment Awareness

Class: S. Y. B.Sc.

Lectures for the Certificate Course will be conducted on every Monday and Saturday.

Time: 10:30 am to 11:00 am

Head

Department of Microbiology

No. 2. Semanya College, Kopangaon

Principal

K. J. Somaiya College

Principal
K.J.Somaiya College of Arts
Commerce & Science, Kopargaon



K. J. Somaiya College of Arts, Commerce and Science



Mohanirajnagar, Kopargaon, Dist. Ahmednagar 423601, (Maharashtra) India

Affiliated to Savitribai Phule Pune University, Pune. (ID No. PU/AN/ASC/07(1964))

Department of Microbiology

Certificate course in Health and Environment Awareness (2018-2019)

Attendance sheet for lectures

Sr.			Date	
No	Name of Students	2182 2182 2190	13(10) 13(10) 13(10) 23(10) 03(11)	19/17 19/12 18/12 19/12
1	Shinde pavan bharat	hay Barra Vary Barry	Smy Bran & Karay Stan Son	bron Bong & Bong Bon
2	Sonawane asha sudam	Who Och Osha	Pha Bue Ble Bho Bho Ph	Bh Bm Bh & PCA
3	Rohamare dipali babasaheb	ina ina ina inc	ipatipu ina Pratipatipatipatipatipatipatipatipatipatip	Pra Pru PraPir
4	Dhoble pranjal dnyaneshwar	child could en Booth	Deng & Buy Buy Buy	Man John & Ori
5	Sabale jayashri dhondiram	man 3 syn	SH Shar Shar Shar	19/1 By John John 3
6	Auti kajal sakhahari	uti Auti Auti Auti	Paff Ruff & Auf Auf Plat	Hedr Acel Heil Acel Acel Ace
7	Padwal virendra sakhahari	and and and and	20 20 20 20 20 20 20 20 20 20 20 20 20 2	Pode /
8	Pagare gayatri girish	2 Re Ku Kr	Ker Ver Ver Ver Ve	Re le la Ru de
9	Thombare sarita ashok	all & &	= 68888	8 8 6 38
10	Fatangare akanksha shivaji	mai 2 days the	String String String String String String	1000 - 5 000 W. W. W.
11	Khairnar ashwini bharat	@ KGKO KG	KBKB = KBKBKBK	DND KD KD KD K
12	Mane shubham bhausaheb	मुक्ता अभा श्रीम श्रीम	म - ६ माश्रम राष्ट्राम स्थाप राष्ट्राम	म शुभन्यक्रम श्रुमम र् श्रु
13	Jagtap komal vijay	IK IK & IK	11111111111111111111111111111111111111	* * * * * * * * * * * * * * * * * * *

1-	Barhate saiprasad jankiram	Bar Par and our our on
15	Tupake hrushikesh sanjay	TO TO TO TO TO TO TO THE BIRD BUT BOTT BOTT BOTT BOTT BOTT BOTT BOTT
16	Varkad ajit babasaheb	如如约约5万万万万万万万万万万万万万万万万万万万万万万万万万万万万万万万万万万
17	Wani ashwini pandurang	and all all all all all all all all all al
18	Nikam tejas bhanudas	Ser & Mr. Mar Jour Jour Ale July & Jour July July Jour Jour Jour Jour
19	Ghaytadkar janardan nivrutti	The Care Ter Ter & To Te
20	Ahirrao priti parmeshwar	Prop P. R. B. B. W. D. C. D. Such the shift the scale
21	Gorde shubhangi subhash	ZEE ES E

Ja.

Miss.J.R.Deshmukh

Co-ordinator, Certificate Course

TOTAL OF THE STATE OF THE STATE

Principal

K.J.Somaiya Coilege of Arts
Commerce & Science, Kopargaon



FACULTY OF SCIENCE,

Department of Microbiology

Certificate Course in Health and Environment Awareness: 2018-19

Date: 07/01/2019

NOTICE

All S.Y. B.Sc. Microbiology students are here by informed that your Exam for Certificate Course in Health and Environment Awareness will be held on 17/01/2019 at 9.00 a.m. and 12.00 p.m. in regular class rooms.

Department of Microbiology

K. J. Somaiya College, Kopargaon

Dept. of Microbiology A

Principal

K.J.Somaiya College of Arts
Commerce & Science, Kopargaoi.

K. J. Somaiya College Of Arts, Commerce And Science, Kopargaon

DEPARTMENT OF MICROBIOLOGY

Certificate Course In Health & Environment Awareness Examination (2018-19)

Attendence

Date: 17/0/2019.

Sr.No	Roll No	Students Name	Signature
1	11	Shinde Pavan Bharat	Lavar
2.	28	Sonawane Asha Sudam	(Asber.
3.	33	Rohamare Dipali Babasaheb	pipali
4.	53	Dhoble Pranjal Dnyaneshwar	oragial.
5.	73	Sabale Jayashri Dhondiram	THI
6.	74	Auti Kajal Sakhahari	Auti 1
7.	92	Padwal Virendra Sakhahari	Madwal
8.	131	Pagare Gayatri Girish	GayorAi
9.	165	Thombare Sarita Ashok	J.S.A.
10.	169	Fatangare Akanksha Shivaji	FAS
11.	180	Khairnar Ashwini Bharat	
12.	189	Mane Shubham Bhausaheb	जैभा .
13.	192	Jagtap Komal Vijay	TK 1
14.	199	Barhate Saiprasad Jankiram	Soilrosad.
15.	201	Tupake Hrushikesh Sanjay	Science
16.	203	Varkad Ajit Babasaheb	Aiit
17.	205	Wani Ashwini Pandurang	Twani
18.	208	Nikam Tejas Bhanudas	TAN
19.	212	Ghaytadkar Janardan Nivrutti	Islineti
20.	213	Ahirrao Priti Parmeshwar	(BMF!
21.	222	Gorde Shubhangi Subhash	09

Department of Microbiology

Department of Minstellielegy

K. J. Somalya College, Kapargaan

K.J.Somaiya College of Arts, Commerce & Science, Kopargoan Department of Microbiology

Certificate Course in Health and Environment Awareness
(2018-2019)
Subject: Health and Environment Awareness
Marks: 16

Class: S.Y.B.Sc Time:	Marks:100 Date: Exam seat no.				
Q.1 Attempt any Ten (10×2M)	20 M				
 What are the gaseous pollutants? Enlist different systems of human body What are the abiotic factors of environment? Enlist the different tools that are used for hand washing Enlist different types of blood groups What are good habits? List various asana Define environment Enlist various diseases that occurs due to changing life style Define ecosystem Healthy foods Main office of WHO is situated at 					
.2 Write note on any Four (4×5M)	20 M				
 Role of blood banks in society Roles played by WHO Importance of hand wash system Role of trees in human life 	ş				
.3 Answer any Two (2×10M)	20 M				
 What is mean by SamajikVanikaran Scheme of Maharashtra society and environment? Explain detail importance of vegetable as a part of regular did. Elaborate in detail nature and scope of Environmental Science 	et				
.4 Attempt any Two (2×10M)	20 M				
 Elaborate in detail components of environment What is pollution and its impact on human health? Explain in detail Rural Health Mission of India 					
.5 Answer the Following (2×10)	20M				
 Effect of environmental degradation on human Give a detail account on various tree plantation scheme and t Explain in detail different types of pollution in detail 	heir impact on society				

-----Best of Luck-----





K. J. Somaiya College of Arts, Commerce and Science

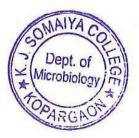
Mohanirajnagar, Kopargaon, Dist. Ahmednagar 423601, (Maharashtra) India
Affiliated to Savitribai Phule Pune University, Pune. (ID No. PU/AN/ASC/07(1964))
Department of Microbiology

Grading System for Certificate Course Health and Environment Awareness 2018-19

Marks (100)	Grade	Remarks
90-100	A+	Excellent
80-90	A	Very Good
70-80	B+	Good
60-70	В	Average
50-60	C+	Pass
40-50	. C	Poor
30-40	D	Very Poor

Head

Dept of Microbiology
Department of Microbiology
K. J. Somaiya College, Kopargaon



Principal

Principal
K.J.Somaiya College of Arts
Commerce & Science, Kopargaon

Kopargaon Taluka Education Society's K.J.Somaiya College of Arts, Commerce & Science, Kopargoan Department of Microbiology

Certificate Course in Health and Environment Awareness

(2018-2019)

Subject: Health and Environment Awareness

Class: S.Y.B.Sc

Course co-ordinator: Miss.J.R.Deshmukh

Sr.no	Name of Student	Grades
1	SHINDE PAVAN BHARAT	A
2	SONAWANE ASHA SUDAM	В
3	ROHAMARE DIPALI BABASAHEB	A
4	DHOBLE PRANJAL DNYANESHWAR	A
5	SABALE JAYASHRI DHONDIRAM	A
6	AUTI KAJAL SAKHAHARI	A
7	PADWAL VIRENDRA SAKHAHARI	В
8	PAGARE GAYATRI GIRISH	В
9	THOMBARE SARITA ASHOK	В
10	FATANGARE AKANKSHA SHIVAJI	. A
11	KHAIRNAR ASHWINI BHARAT	A
12	MANE SHUBHAM BHAUSAHEB	A
13	JAGTAP KOMAL VIJAY	A
14	BARHATE SAIPRASAD JANAKIRAMAN	A
15	TUPAKI HRUSHIKESH SANJAY	A
6	VARKAD AJIT BABASAHEB	В
7	WANI ASHWINI PANDURANG	. A
8	NIKAM TEJAS BHANUDAS	A
9	GHAYTADKAR JANARDAN NIVRUTTI	A
0	AHIRRAO PRITI PARMESHWAR	В
1	GORDE SHUBHANGI SUBHASH	A

Co-ordinator







K.J. Somaiya College of Arts, Commerce and Science, Kopargaon

(Affiliated to Savitribai Phule Pune University, Pune)

NAAC Re-accredited with "A" Grade And SO 9001:2015 Certified Institute

Best College Award by S. S. Sune University

Mohanirajnagar, Kopargaon, Dist. Ahmednagar - 423 601. (Maharashtra) India.

Stertificate !s

	Ms./Mrs	certify that Mr	This is to ce
uccessfully completed the certificate		/	from the cle
			course enti
run by			-
conducted between	/20 //		the Departi
e has been awarded with	/20 . He	/20 & /	grade.
10		/	grade /

Coordinator

Certificate Course Chairman









FACULTY OF SCIENCE,

Department of Microbiology

Application for Permission to commence Certificate Course: 2019-20

Date: 15/01/2020

To,

The Coordinator,

IQAC, K. J. Somaiya College,

Kopargaon

Subject: Regarding Permission to commence Certificate Course for S.Y.B.Sc (2019-20)

Respected Sir,

With reference to subject cited above, it is essential to start Certificate Course for the students of S.Y.B.Sc. Microbiology, so as to improve their awareness in respective subject. So please allow us to commence the Certificate Course classes w. e. from 20/01/2020 after regular classes.

(F.) HOD Head

Department of Microbiology

K. J. Somaiya College Kopargaon

Dept. of Microbiology

Principal
Principal
K.J.Somaiys College of Arts
Commerce & Science, Kopargaor.



FACULTY OF SCIENCE,

Department of Microbiology

Date: 22/01/2020

NOTICE

Certificate Course in Health and Environment Awareness

This course is designed for the awareness purpose regarding Health and Environment. This pandemic has badly hit our lives with severe Health issues. It has taught us many good things to be followed in our day-to-day life which has to be taken care of. So, Health is the first priority for us. We request all Students to enrol you till 24th Jan 2020 to this Certificate Course and get educated and understand the importance of Health and Environment.

Syllabus for this Course is as follows

Chapter 1- Introduction

Chapter 2- Health Awareness

Chapter 3- Environment Awareness

Chapter 4- Environmental Issues

Hood

Department of Microbiology

K. J. Somalya College, Kopargaon

Head,

Department of Microbiology

Bringipal

K.J.Somaiya College of Arts

Commerce & Science Kopargaon



FACULTY OF SCIENCE,

Department of Microbiology

Certificate Course in Health and Environment Awareness: 2019-20

Date: 22/01/2020

Time Table for Certificate Course

Course Name: Certificate Course in Health and Environment Awareness

Class: S. Y. B.Sc.

Lectures for the Certificate Course will be conducted on every Monday and Saturday.

Time: 10:30 am to 11:00 am

Head

Department of Microbiology
K. J. Somaiya College, Kopargaon

Head

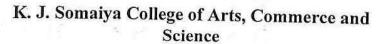
Department of Microbiology

Principal

K. J. Somaiya College

Principal
K.J.Somaiya College of Arts
Commerce & Science, Kopargaon







Mohanirajnagar, Kopargaon, Dist. Ahmednagar 423601, (Maharashtra) India Affiliated to Savitribai Phule Pune University, Pune. (ID No. PU/AN/ASC/07(1964))

Department of Microbiology

Certificate course in Health and Environment Awareness (2019-2020)

Attendance sheet for lectures

Sr.			in ig		1				Date	2						
No	Name of Students	-		= =		1 ~	7	7	2	W)	100		10.00 1 10.00	М		-
•		346	7	2012	हैं हैं	0/90	10/02	20/2	22/02	9/03	86 (03	10/03	Aloz	17/03	20los	0000
.1	Gagare komal bandu	3	Z	9	At A	D	12	F	3		D	3		T	24	HP
2	Mali yash dadasaheb	7	- 3	3	3	5	F	3	7	3	3	45	F	3	×	ş
3	Rahane jayshri annasaheb	\$	Ab	每	DÉ	海	汉	2	フモ	(本)	7 2	沙英	12	à.	14	t
4	Narode arti gorakshanath	· E	To Z	2	No.	No.	T T	44	No.	Nauth	NAME OF THE PARTY	Day	Mark	52	THE PARTY OF THE P	Ab
5-	Singar pooja sanjay	(D)	AP	(A)	(A)	(D)	€8 ³	(3)	(8)	(2)	Ca	(A)	(SA)	44	(2)	2
6	Singar priyanka appasaheb	2	d	A	1	AP	#	\$	\$	4	4	24	A	4	4	14
7	Upadhye shrawani vilas	Ab	5	900 B	Ð.	A	4	5	W.	TA'	(A)	8	AA	8	Di	A
8	Sabale mayuri raju	奥	B	2	R	A	9	9	A	Ab	9	SA.	2	8	9	9
9	Shelake pooja shashikant	and a	180	188	8	800	AP.	100 V	130	題	200	200	(John	18	96	800
0	More ishwari chandrakant	The state of the s	AP	STATE OF THE PARTY	The state of the s	TO TO	Kal.	Se S	Tage 1	Chang	SE SE	46	ch ch	The state of the s	English E	The seal of
1	Kadam vaishnavi vilasrao	Cal	B	B	意	E S	E	Ab	10	S. S.	B	夏	1	S	3	The state of the s
2	Chine nikita anil	型	墨	NEW YEAR	THE STATE OF THE S	Ab	N.	到	A	對	理	No.	图	9	S.	The state of the s
3	Joshi saish umesh	ix	AP	JA.	44	is	راد	i	111	0	2	1	17	M	3	10

		1				1				-						
14	Chine manisha narayan	8	RE SE	R	(3	3	8	3	AP	B)	S	1	B	B	B	F
15	Sangpal vaishnavi nanasaheb	高	(3)	NP	B	(B)	(8)	の	(B)	1 18	18	B	B	1-0	OS	B
16	Usare shital dattu	(2)	(2)	0	Q	(8)	ES.	AB	Q.	D.	6	B	(0	D	10	
17	Sadaphal komal bhaskar	B	\$	É	A	D	X	公	SZ.	- A	图	Z.	E	2	46	支
18	Sabale pratiksha bapusaheb	(A)	(E)	A.	P)(P)	(A)	(A)	Ab	A)	E)		B	更	B	B	B
19	Solase arati baban	28.	24	Ab	نوال	. 2	\$	AS	4	æ	28	4	2	Ab	4	. A
20	Popalghat rushikesh devidas	9	Œ	Q	Q	Ap	Ø	4	(A)	X	At .	A	@	9	9	9
21	Pathan simran akil	Gi.	AP	2	5-2	DS D	Car	10's	£, X,	2	S.S.	100 A	P3.	<u>জ</u>	27	à
22	Khond rutuja hemant	App	Short	Tool of	五五	STEELY.	Ab	Army Army	The state of the s	and the second	Thank I	Mad	diag	AB	The same	E
23	Hon harshada balasaheb	2	3	Ab	3	3	(F)	3	3	T	TO THE PARTY OF TH	AP	B	E	B	B
24	Shrikhande aarti shital	国	奉	愛	3	TOTAL	Ab (B	夏	To the	属	To the	B.	夏	AA	基
25	Khadangale harsha balasaheb	土	Ab	土	1	土	工	型	工	兰	至	Ab	产	Z	工	Z
26	Nighot swati appasaheb	A	Ā	(A)	A	南	AP	B	大	W W	A A	更	4	0	\$	AA
27	Kadam vijay ramrav	3	AA	E C	S.		3		E C	3	AP	S C	南	之		E S
28	Aher kaustubh ganesh	2	The second	90	AP	雷	S. S	S. Colon	क्रम्युः	STATE OF THE PARTY	ghas.	St. St.	Ab	ST. ST.	S A S	The state of the s
29	Khadangale hrutik rajendra	Ab	9	K		30)	*	V	2	38	B	TO T	B	1	4	0
30	Rashinkar abhishek dnyaneshwar	#	A	P	f (ABY (A	Q.	A A	1	A.	TO THE	Ah	A	0	(E
31	Gudaghe subhangana changdev	6	S	\$	Sep.	S	THE	TO TO	App	S	Se Constitution of the con	9	B	B	3	南
32	Badhe dhanashri annasaheb	0	AP	S. S	B	(Zag	ST.	The state of the s	CE CE	1 James	Call Call	Co.	Sold Sold	Ah	John I	T
33	Kadam priyanka gorakh	K.P.C	K. PG	k.PG	k.P.	Abo	大学	K-P-G	K.P.G.	KPG	.k.pg	K.P.G.	4. P. G	K.P.G.	K-P Gran	K.P.
34	Jain kajal mahavir	Ab	G	B	AR	18	D	F	96	A K	718	Ah	A D	B	7	AK

35	Libhuri kalyani maruti	1	是	B	d B	EB	B	Z Z	S I	B	B	Ab	P	B	8	12
36	Bhand hrushikesh babasaheb	(hehr)	Physical	J. Phas	Satilyhow	Mohal	d A	2	12	Bhan	Sha	France	h Shan	星	- Proof	M P IS
37	Karale sakshi sahebrao	K-5 M sabshi	Satsipha	d/	भिद्यव्ह	C-5MSalshiMbhi	SAP.	Satur	Salesh	K.S.M Salsh (A) Han	Satshi (Ab	/		Scoles (Boton) LLD	Seekhi
38	Kardile vaishnavi mahesh	K-S-X	K-SM	K-5-M	ks.M	K.S.M	K.S.M	C.S.M	Ab	K.S.M	K-3-Makshi	K.S.M	15.m	-5- M saleshi	F.5. M	Ab
39	Magar vaishnavi ramesh	(E)	3	5	AP	3	\$	5	3	3	E	3	5	E	AP	M
40	Nikumbh shubhangi sunil	2	AP	2	8	3	3	3	3	3	SE SE	1000	2	B	3	2
41	Chinke rutvika kailas	Darbale	P. Line	300	By info	Phine	anime mine	AP	BUILD	James de la compansa	Poliny	Pariote Ab	A MARIE	SO SMINO	Brinka	(Bring)
42	Deokar shraddha dinkar	80	B	8	8	8	Ab.	8	8	\sim	8	80	18	1 1 1 1 1 1		Ab
43	Tanpure gita dnyaneshwar	Ab	Ei.th	ate of	(3)	GHB	图	me Gita-	Girles	gita	Ab	Gite	Giles	Gild	(3)	Gits)
44	Borawake manisha anil	(E)	E E	(3)	Ab	3	13	E	(E)	3	(8)	BOW	CON CONTRACTOR	B	of d	(3)
45	Gaikwad vaishnavi vinayak	Af	B	K	B	B	X	Abc	B	SR.	×	X	B	The state of the s	黄	\$
46	Landge shivani madhukar	My Sty	2 3	SUB	mahabs L. Pa	Ab	morelles Lin	mple S.L.M	ا	S.LM	5.L.M	3.1.7	4K	5.1.0	S.L.M	Ex
47	Naikwade mahesh annasaheb	mahel	Ab	The state of the s	mode.	marsh	mare	Tale of	Cardon Co	AP	mahell S.L.M	Tay be	AA cherton	mapen	moral	The state of the s
48	Jadhav bhagyashri suresh	65	18	H	8	0	图图	8	图	8	120	ख	8	图图	0	20
49	Singar vaishnavi rajendra	Ab	80	3	3	_	3	3	3	3	3	Ab	2	3	3	7

Miss.J.R.Deshmukh

Head
Co-deinatoro Gertificate Course
K. J. Somaiya Cullege, Kopargaon



Principal
K.J.Somaiya College of Arts
Commerce & Science, Kopargaon



FACULTY OF SCIENCE,

Department of Microbiology

Certificate Course in Health and Environment Awareness: 2019-20

Date: 23/03/2020

NOTICE

All S.Y. B.Sc. Microbiology students are here by informed that your Exam for Certificate Course in Health and Environment Awareness will be held on 25/03/2020 at 9.00 a.m. and 12.00 p.m. in regular class rooms.

Head

Department of Microbiology

K. J. Somaiya Cellege, Kopargaon

HOD

K.J.Somaiya College of Arts Commerce & Science, Kopargaon

Kopargaon Taluka Education Society's K. J. Somaiya College of Arts, Commerce and Science, Kopargaon

DEPARTMENT OF MICROBIOLOGY

Certificate course in Health and Environment Awareness Examintion (2019-2020) Name of Student:

Roll No.: Class:		
	ay is celebrated on	
a) 1st March	b) 7th Aprile) 6th October	d) 10th December
2. Cleanliness, physica	l exercise, rest and sleep are a part of _	•
a) Hygiene	b) Social hygienec) Personal hygien	ned) None of the above
3. Which one of the fol	lowing is an unhealthy habit?	
a) Sharing foodb) Bathi	ing twice a dayc) Drinking boiled waterd)	Eating without washing one's hand
4. Which of the following	ng is the main cause for transmission of	f the Hepatitis virus?
a) The bite of a mosqui	tob) Sharing drug needlesc) Drinking cont	taminated waterd) All of the above
5. Which of the followi	ng diseases is also called as "Salmonella	a enterica serotype Typhi"?
	Diarrhead) Yellow fever	
	ing diseases is not caused by bacteria?	
•	litic) Tuberculosisd) All of the above.	
	ontagious disease is	
	Contaminated Foodc) Poor hygienic cond	itionsd) All of the above
8. Which one of the following	lowing diseases is a communicable?	
a)ricketsb) amoebiasisc) diabetesd) cancer	
	Carrier 1-cense) Helper 1-censul Kiner	T-cells
a) Schwann cellsb) Hep	as parasites in the body atocytesc) Kupffer's cellsd) Cancer cells	
11.TAB vaccine is usef a) Poliob) Diptheriac) P	ertussisu) Typholu	
a) urineb) water	e typhoid is directly transmitted throug c) bloodd) cerebrospinal	g h fluid
13.A sexually transmit a) AIDSb) Syphilisc) H	ted bacterial disease is erpesd) Hepatitis	

14.Inactive canca) Transposonb)	er gene is call ed Proto-oncogenec) T	Cumour promoter g	ened) Tumour :	Suppressor gene			
15. Which of the	se layers of the atr tra-Violet (UV) lig	mosphere consists			onsible for		
a)Troposphere	b)Mesosph	ere	c)Stratosphe	re	d) None of these		
16. Which of the	se are essential no	n-metallic minera	ls?				
a)Coal, silica, clay d)Granite, limesto)Iron, copper, alun	ninium, zinc	c)Gold, platinu	ım, silver		
17. What is the es	stimated percentag	ge of forest land t	hat India shoul	d ideally have?			
a)15%	a)15% b)50%				d)33%		
18. An extensive 1	number of chains i	interlinked in an	ecosystem forn	is a	together.		
a)Food chain	b)Food web		c)Carbon cycl	e	d)Nitrogen cycle		
19. Which of these consumption in th	e elements is consi e world?	dered to be the la	rgest source of	commercial en	ergy		
a)Nuclear b)Natural gas			c)Oil		d)Coal		
20. Which of these	does not constitu	te to be a reason i	or the loss of f	orests?			
a)Extinction of spec d)Extensive usage of	cies b)Increa of fuel woods	asing use of sood	c)Build	ing dams and m	ining		
21. Which of these	days is celebrated	l in the form of W	orld Environm	<i>ent Day</i> all arou	ind the world?		
a)July 5 th	b)June 10 th		c)October 20		d)June 5th		
22. In which of the	se following can w	e find Brackish w	ater ecosysten	ns?	,		
a)Wetlands shallows	b)Streams		c)Deltas		d)Coastal		
23. Which drug is a	ssociated with the	e tea or coffee pla	nt source?				
a)Camphor Poppy	b)Caffeine		c)Thorn Apple	;	d)Opium		
24. How many total	numbers of biodi	versity hotspots a	re there in the	world?			
a)36	b)32		c)28		d)18		
25. Which of these i	s the most natural	lly occurring and	frequent disas	ter?	4).0		
a)Tsunami					d)Flood		
26. Which two form			c)Earthquake		ajrioou		

a)Methanol and Ethe above	hanol b)Propanol and Ethanol	c)Propanol and Methanol	d)None of						
27. Which of these Act by the Govern	e gases is not permitted to be relonment?	eased by the Prevention and Con	atrol of Pollution						
a)Sulphur Dioxide b)Carbon Monoxide c)Nitrogen Oxide d)A the above									
28. In which of the	ese years was the Forest Conserv	ration Act amended?							
a)1978	b)1988	c)1963	d)1952						
29. Which of these diseases?	e elements is present in the drink	ing water that can lead to nume	rous fatal						
a)Phosphorus the above	b)Calcium	c)Arsenic	d)None of						
30. Which of these	species do we use in indigenous	medicine?							
a)Babul the above	b)Zizyphus	c)Tamarind	d)None of						
31. Which of these	are also known as Detrivores?								
a)Decomposers the above	the gases is not permitted to be released by the Prevention and Control of Pollution runment? b)Carbon Monoxide c)Nitrogen Oxide d)All of these years was the Forest Conservation Act amended? b)1988 c)1963 d)1952 se elements is present in the drinking water that can lead to numerous fatal b)Calcium c)Arsenic d)None of the se species do we use in indigenous medicine? b)Zizyphus c)Tamarind d)None of the se are also known as Detrivores? b)Carnivores c)Herbivores d)None of the se sacred groves acts as the gene bank for various wild plants? b)Deorais c)Jahera d)None of the various large dams in the world? b)Japan and India c)China and India d)Brazil for the chemicals which emit with vinyl floors? nyl oxidizec) Phthalatesd) Chorines the following organization dedicated to protecting human health from the following organization dedicated to protecting human health from the following organization dedicated to protecting human health from the following cause harm to human health? gb) Using of pesticidesc) Using solar vehiclesd) Protecting forests sponsible for transmitting lariac) JEd) Plague								
32. Which of these	sacred groves acts as the gene b	ank for various wild plants?							
a)Mauhak these	b)Deorais	c)Jahera	d)None of						
33. Which of these	countries constitute approximat	tely 57% of the various large da	ms in the world?						
a)Brazil and India and China	b)Japan and India	c)China and India	d)Brazil						
34. What is called for a) Pathogensb) Viny	or the chemicals which emit with violation of the chemicals which emit with violation of the chemicals which emit with the chemical way to the chemical with the chemical way the chemical way to the chemical way the chemical way the chemical way to the chemical way the chemical	n vinyl floors?							
environmental har	ms? Human Healthb) Environmental a	is not permitted to be released by the Prevention and Control of Pollution b)Carbon Monoxide c)Nitrogen Oxide d)All of rs was the Forest Conservation Act amended? b)1988 c)1963 d)1952 ints is present in the drinking water that can lead to numerous fatal c)Calcium c)Arsenic d)None of rs do we use in indigenous medicine? c)Zizyphus c)Tamarind d)None of so known as Detrivores? Carnivores c)Herbivores d)None of d groves acts as the gene bank for various wild plants? eorais c)Jahera d)None of ries constitute approximately 57% of the various large dams in the world? can and India c)China and India d)Brazil chemicals which emit with vinyl floors? izec) Phthalatesd) Chorines wing organization dedicated to protecting human health from in Healthb) Environmental and Scientific Science rganizationd) Ecological Science and Solutions wing cause harm to human health? g of pesticidesc) Using solar vehiclesd) Protecting forests e for transmitting dd) Plague disease.							
36. Which one of the a) Organic farmings	ne following cause harm to huma) Using of pesticidesc) Using sola	an health? r vehiclesd) Protecting forests							
37. Garbage is resp a) Kala-azarb) Mala	oonsible for transmitting riac) JEd) Plague								
38.Guinea worm is a) Water basedb) Wa	disease. ater bornec) Water basedd) Water	related insect vector							

39. What is the water vapor?						
a)It is the gaseous phase of water droplet d)None of the above	b)It is a rain droplet	c)Water vapor is the cloud				
40. Which of the following is the	e cause of Melanornia (skin cancer)?					
a)Acid rain d)None of the above	b)Allergens	c)Ozone depletion				
41.The yellowness of the Taj M	ahal is an effect of –					
a)Acid rain d)None of the above	b)Allergens	c)Ozone depletion				
42. The part of the plant that ev	vaporates water is –					
a)Fruit d)None of the above	b)Stomata	c)Root				
43. Which of the following is a 1	renewable source of energy?					
a)Coal d)None of the above	b)Uranium	c)Wind				
44. Which of the following is sa	id to be a biodegradable waste?					
a)Plastics d)Polythene	tics b)Glasses					
45. Which of the following has	a maximum speed?					
a)Light d) Water current	b)Air	c)Sound				
46. Which one of the following	energy is most utilized in biomass?					
a)Atomic energy d)Tidal energy	s)Solar energy	c) Geothermal energy				
47. A sample of chloroform be	fore using as an anaesthetic, is tested	by				
a)Fehling's solution	b)Ammonical cu	prous chloride				
c)Ammonical silver nitrate solu	tiond)Silver nitrate solution after boiling	g with alcoholic KOH				
48.Living in the atmosphere o	f CO is dangerous because it					
a)Reduces organic matter of tiss	sues b)Dries up the bloc					
c)Combined with O2 present in of absorbing oxygen	side to form CO2d)Combines with hae	moglobin and makes it incapable				

49.AIDS causing HIV principally infects

a)All lymphocytes

b) Activator B-cellsc) T4 lymphocytesd) Cytotoxic T-cells

50.Disease existing at or before birth is
a)Congenita b)Communicable c)Noncommunicable d)none of these

K. J. Somaiya College Of Arts, Commerce And Science, Kopargaon

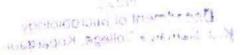
DEPARTMENT OF MICROBIOLOGY

Certificate Course In Health & Environment Awareness Examination (2019-20)

Attendence

Date: 25/03/2020

Sr.	Roll	Students Name	Signature
No.	No.	C W ID I	(10)
1	95	Gagare Komal Bandu	(10)
2	134	Mali Yash Dadasaheb	JAM
3	135	Rahanc Jayshri Annasaheb	Petri
4	139	Narode Arti Gorakshanath	Constant.
5	144	Singar Pooja Sanjay	6 .
6	145	Singar Priyanka Appasaheb	Pinite.
7	146	Upadhye Shrawani Vilas	\$2.
8	147	Sabale Mayuri Raju	R R
9	148	Shelake Pooja Shashikant	D20313.
10	154	More Ishwari Chandrakant	ishwald.
11	155	Kadam Vaishnavi Vilasrao	(Marsh.
12	157	Chine Nikita Anil	Nikela
13	158	Joshi Saish Umesh	8.
14	161	Chine Manisha Narayan	Cer.
15	164	Sangpal Vaishnavi Nanasaheb	dohut
16	165	Usare Shital Dattu	(Fault)
17	169	Sadaphal Komal Bhaskar	- (IA)
18	170	Sabale Pratiksha Bapusaheb	Tatouske
19	171	Solase Arati Baban	- Davie.
20	174	Popalghat Rushikesh Devidas	Dushi
21	178	Pathan Simran Akil	TIPRUM
22	180	Khond Rutuja Hemant	B.
23	182	Hon Harshada Balasaheb	(KR)
24	184	Shrikhande Aarti Shital	STILLIAR.
25	185	Khadangale Harsha Balasaheb	X to .
26	187	Nighot Swati Appasaheb	Mhigho 2
27	188	Kadam Vijay Ramrav	Tever .
28	189	Aher Kaustubh Ganesh	Kens
29	190	Khadangale Hrutik Rajendra	Leutik.
30	191	Rashinkar Abhishek Dnyaneshwar	Midy
	196	Gudaghe Subhangana Changdev	Thursday.
31	197	Badhe Dhanashri Annasaheb	Thanklyn.
32	198	Kadam Priyanka Gorakh	
33	204	Jain Kajal Mahavir	(papo.
34	204	Jani ixajai ivianavii	Saide .



35	205	Libhuri Kalyani Maruti	layan Tau
36	206	Bhand Hrushikesh Babasaheb	- 18-81 B-8.
37	208	Karale Sakshi Sahebrao	- Market
38	214	Kardile Vaishnavi Mahesh	Yad
39	216	Magar Vaishnavi Ramesh	Jana.
40	218	Nikumbh Shubhangi Sunil	toft.
41	219	Chinke Rutvika Kailas	Dutweg
42	221	Deokar Shraddha Dinkar	ODD (
43	222	Tanpure Gita Dnyaneshwar	ain.
44	232	Borawake Manisha Anil	Markhy
45	234	Gaikwad Vaishnavi Vinayak	2015 hu
46	235	Landge Shivani Madhukar	10
47	244	Naikwade Mahesh Annasaheb	Name
48	249	Jadhav Bhagyashri Suresh	anyen'
49	250	Singar Vaishnavi Rajendra	200

Jan. Head

Department of Microbiology

Head
Department of Microbiology
K. J. Semaiya College, Kopargaon







Mohanirajnagar, Kopargaon, Dist. Ahmednagar 423601, (Maharashtra) India Affiliated to Savitribai Phule Pune University, Pune. (ID No. PU/AN/ASC/07(1964)) Department of Microbiology

Grading System for Certificate Course Health and Environment Awareness 2019-20

Grade	Remarks
A+	Excellent
A	Very Good
B+	Good
В	Average
C+	Pass
С	Poor
D	Very Poor
	A+ A B+ B C+ C

Head

Dept of Microbiology Head Department of Microbiology
K. J. Somaiya College, Kopargaon

Principal K.J.Somaiya College of Arts hmmerce & Science, Kopargan

K.J.Somaiya College of Arts, Commerce & Science, Kopargoan

Department of Microbiology

Certificate Course in Health and Environment Awareness

(2019-2020)

Subject: Health and Environment Awareness

Class: S.Y.B.Sc

Course co-ordinator: Miss.J.R.Deshmukh

Sr.no	Name of Student	Grades
1	GAGARE KOMAL BANDU	A
2	MALI YASH DADASAHEB	В
3	RAHANE JAYSHRI ANNASAHEB	A
4	NARODE ARTI GORAKSHANATH	A
5	SINGAR POOJA SANJAY	A
6	SINGAR PRIYANKA APPASAHEB	A
7	UPADHYE SHRAWANI VILAS	В
8	SABALE MAYURI RAJU	В
9	SHELAKE POOJA SHASHIKANT	В
10	MORE ISHWARI CHANDRAKANT	. A
11	KADAM VAISHNAVI VILASRAO	A
12	CHINE NIKITA ANIL	A
13	JOSHI SAISH UMESH	A
14	CHINE MANISHA NARAYAN	A
15	SANGPAL VAISHNAVI NANASAHEB	A
16	USARE SHITAL DATTU	В
17	SADAPHAL KOMAL BHASKAR	A
18	SABALE PRATIKSHA BAPUSAHEB	A
19	SOLASE ARATI BABAN	A
$\frac{1}{20}$	POPALGHAT RUSHIKESH DEVIDAS	B
$\frac{20}{21}$	PATHAN SIMRAN AKIL	
$\frac{21}{22}$	KHOND RUTUJA HEMANT	A
	HON HARSHADA BALASAHEB	A
	SHRIKHANDE AARTI SHITAL	A
25	KHADANGALE HARSHA BALASAHEB	B
26	NIGHOT SWATI APPASAHEB	B
$\frac{20}{27}$	KALAM VIJAY RAMRAO	A
	AHER KAUSTUBH GANESH	A
	KHANDAGALE HRITHIK RAJENDRA	A
43	RASHINKAR ABHISHEK DNYANESHWAR	Α
20	GUDAGHE SUBHANGANA CHANGDEV	A
21	BADHE DHANASHRI ANNASAHEB	В
24	CADAM PRIYANKA GORAKH	В
23	AIN KAJAL MAHAVIR	В
34 .	M 1 • = 11-32 5-1-1-1-1-1	A

35	LIBHURI KALYANI MARUTI	Α
36	BHAND HRUSHIKESH BABASAHEB	Α
37	KARALE SAKSHI SAHEBRAO	В
38	KARDILE VAISHNAVI MAHESH	A
39	MAGAR VAISHNAVI RAMESH	A
40	NIKUMBH SHUBHANGI SUNIL	А
41	CHINKE RUTVIKA KAILAS	А
42	DEOKAR SHRADDHA DINKAR	A
43	TANPURE GITA DNYANESHWAR	В
44	BORAWAKE MANISHA ANIL	В
45	GAIKWAD VAISHNAVI VINAYAK	. В
46	LANDGE SHIVANI MADHUKAR	В
47	NAIKWADE MAHESH ANNASAHEB	В
48	JADHAV BHAGYASHRI SURESH	Α
49	SINGAR VAISHNAVI RAJENDRA	В

Coordinator, Certificate Course

Department of Microbiology

Head

Department of Microbiology

K. J. Somaiya College, Kopargaon







K.J. Somaiya College of Arts, Commerce and Science, Kopargaon

(Affiliated to Savitribar Phule Pune University, Pune)

NAAC Re-accredited with "A" Grade An ISO 9001:2015 Certified Institute

Best College Award by S. S. June University

Mohanirajnagar, Kopargaon, Dist. Ahmednagar - 423 601. (Maharashtra) India.

S'Certificate &

This is to certify that Mr./Ms./Mrs	s.
£ /	
from the class	has successfully completed the certificate
course entitled	
	run by
the Department of	conducted between
ine Department	- samueled between
1 20 / & / /20	.He/She has been awarded with
grade.	
/	10

Coordinator

Certificate Course Chairman







FACULTY OF SCIENCE,

Department of Microbiology

Application for Permission to commence Certificate Course: 2020-21

Date: 07/01/2021

To,

The Coordinator,

IQAC, K. J. Somaiya College,

Kopargaon

Subject: Regarding Permission to commence Certificate Course for S.Y.B.Sc (2020-21)

Respected Sir,

With reference to subject cited above, it is essential to start Certificate Course for the students of S.Y.B.Sc. Microbiology, so as to improve their awareness in respective subject. So please allow us to commence the Certificate Course classes w. e. from 18/01/2021 after regular classes.

Department of Microbiology K. J. Somaiya College, Kopargaon

Principal K.J.Somaiya College of Arts Commerce & Science, Kopargac...

K. J. Somaiya College of Arts, Commerce and Science, Kopargaon

DEPARTMENT OF MICROBIOLOGY

Date: 11/01/2021

NOTICE

Certificate Course in Health and Environment Awareness

This course is designed for the awareness purpose regarding Health and Environment. This pandemic has badly hit our life's with severe Health issues. It has taught us many good things to be followed in our day-to-day life which has to be taken care of. So, Health is the first priority for us. I request all Students to Enrol yourself to this Certificate Course and get educated and understand the importance of Health and Environment.

Syllabus for this Course is: -

- Chapter 1- Introduction
- Chapter 2- Health Awareness
- Chapter 3- Environment Awareness
- Chapter 4- Environmental Issues

Details of the Course: -

- ❖ Course will start from 18th January 2021.
- No Registration Fees
- * Certificate Course is Compulsory to S.Y.B.Sc Microbiology Students
- * For Registration use this link: https://forms.gle/RyNwz2QSWjXsYWnL6 (Upon successful completion of this course, you will get certificate)

Do register for the course in time.

Department of Microbiology Department of Microbiology K. J. Somaiya College, Kopargaon

Principal K.J.Somaiya College of Arts Commerce & Science, Kopargaon

Kopargaon Taluka Education Society's K. J. Somaiya College of Arts, Commerce and Science, Kopargaon

DEPARTMENT OF MICROBIOLOGY

Date: - 20/01/2021

Time Table for Certificate Course

Course Name: Certificate course in Environment and Health Awareness

Class: S.Y.B.Sc.

Lectures for the certificate course will be conducted on every Wednesday and Saturday.

Time: 1PM - 3PM

Co – Ordinator

Cerificate Course

Mr. A.D.Pawar

Head

Department of Microbiology

Dr.B.S. Yadav

Principal

K.J.Somiya College.

Head Department of Microbiology

Principal K.J.Somaiya College of Arts K. J. Somaiya College, Kopargaori Commerce & Science, Kopargaor.



K. J. Somaiya College of Arts, Commerce and Science, Kopargaon

DEPARTMENT OF MICROBIOLOGY

Students list

Examination in Certificate Course in Health and Environmental Awareness

Sr.No.	Name Of Student
1.	Alhat Atul Dagu
2.	Bhagwat Gaurav Rajendra
3.	Bhagwat Komal Rajendra
4.	Bhalerao Someshwar Balasaheb
5.	Bhosale Pravin Dattatray
6.	Chandanshiv Arti Sahebrao
7.	Dalkari Sakshi Krishna
8.	Dawange Tejas Satish
9.	Deogaonkar Saily Laxmikant
10.	Deokar Geeta Ananda.
11.	Devkar Pratiksha Nivrutti
12.	Divekar Omkar Sunil
13.	Gaikwad Niranjan Haribhau
14.	Gaikwad Rahul Gaikwad
15.	Gawali Prashant Raosaheb
16.	Ghumare Nikita Dattatray
17.	Honde Janardhan Ramchandra
18.	Jadhav Vaishnavi Changdeo
19.	Jagdale Kartik Bhagwan

20.	Kadam Sadichha Rajendra Kadam
21.	Kape Akanksha Ravi
22.	Katkade Saurabh Nanasaheb
23.	Khalkar Shrutika Nandu
24.	Khatkale Shital Bapu
25.	Kote Sujata Dattatray
26.	Kudale Umesh
27.	Madake Sarthak Vishnupant
28.	Maid Gayatri Bhausaheb
29.	Mansuri Irshaad Iqbal
30.	Naik Atharv Rajesh
31.	Narode Pratiksha Kishor
32.	Patole Gauri Sanjay
33.	Pingle Sakshi Ratnakar
34.	Raktate Komal Babasaheb
35.	Ravale Vishal Vijay
36.	Rokade Rishikesh Dattatray
37.	Shaikh Aman Dilawar
38.	Shelar Aadesh Annasaheb
39.	Shevkar Pooja Bhuapatil
40.	Shinde Shweta Changdev
41.	Suhana Ramjan Shaikh
42.	Varpe Pranjal Sopan
43.	Vinchu Priti Annasaheb





K. J. Somaiya College of Arts, Commerce and Science

Mohanirajnagar, Kopargaon, Dist. Ahmednagar 423601, (Maharashtra) India

Affiliated to Savitribai Phule Pune University, Pune. (ID No. PU/AN/ASC/07(1964))

Department of Microbiology

Certificate course in Health and Environment Awareness (2020-2021)

Attendance sheet for lectures

Sr.	1 2 2 2 2 2 3 3		113		+	1	-	6	Date							
No	Name of Students	10/52	1310	11/20	2411	35/02	20E0	24/10	20/90	10/02	10/02	13/02	13/0r	1402	1405	20/02
. 1	Shelara deshanna saheb	88	Ab	88	Poje 29d	100	3 8	8	8	200	88	AAP	8	8	282	4 230
2	Shevkar Pooja bhuapatil	Door	Pool	Pood			AP	pood	Peop	Pood .	D Cor	Poola	Poor	D Poole	Bood C	prop 0
3	Shaikh Aman Dilawar	S.		Sus	Ab Smo	gwg	Bro	gmp	Spor	Ab	Smo	Small	James (2 Smt	aus (Smo
4	Maid Gayatri Bhausaheb	E	E	Of the		E	B	16m	THE STATE OF THE S	I Am	HAP 1	CARE CARE	Samo	E	and	ST.
5	Alhat Atul Dagu	¥	#m	是	mt#	1 ptw	PHU PHU	The	10 40	HAM	Apr	141	1 April	/ AP	1 Ale	AL.
6	Gaikwad Rahul balasaheb	(BBC)	TO THE	Solid Solid	B.G. E. Baha	Egent .	Color	Ab	Pahul	Bara	Pahy	(3)	3.4.p Cohu	B.G. R. Bahy	Jahry J	Roke
7	Bhagwat Gaurav Rajendra	BG.R	Ap	BG.R	B.G.	8.6. R	86.R	BG-R	BG.K	Be Ba	86.6	PG-R	B. G. P	B.G. K	Ab	3
8	Jadhav vaishna vichangdeo	K	1	R	3	K	Z	Ab	R	K	R	F	A	R	R	X
9	Rushikesh Rokade	8	(de	AP	8	6	6	É	(Z		P	3	Ab	00	60	Ro
10	Katkade saurabh nanasaheb	O	AN.	N N	KK	No.	Q	A. S.	4	を	X	SE SE	100 PM	NY V	SKN.	100
11	Sakshi Ratnakar Pingle	8		3		JA P	de de	8	5 \$	78	8	1 of	80	र् दे	NY V	20
- 12	Kape akanksha ravi	Ab	Maple	Se Se	Prope	Stage of	Aleana A	Drake	Stal C	Dage .	N.	Judg.	18	Alape	To the same	S Land

13	Varpe pranjal sopan	8	1		B	DE LOS	0	(B)	A P	NO.	3	E E	M	1	100	à	
14	Deokar Geeta Ananda.	Gees	THE SERVICE SE	Geeto	Ab	Gecha	Geeld	Geeld	Geedo	Geeta	Goeld	Geeta	geete	Geelap	Seed	geele	
15	Kote Sujata Dattatray	AP	00	*	*	节	动	30	*	Sk S	1	×	华	96	お	\$	
16	Shinde Shweta Changdev	380	286	A.	3	る	Ab	当	SEC.	286	3	380	350	285	215	2	
17	Kadam Sadichha Rajendra	3	A CONTRACTOR	(x)R	AP	Appende	E K	DR.	DIR.	Upont Du	AS COR	Umeles	BR	944	DR	Epp.	
18	Kudale umesh somnath	AP	The state of the s	1 may 1/2	Drawll Ab	lange	Joseph B. R.	umeth DR	Umento	Uppe	APC	Umel	JAPAN I	(Jacab A.	Joseph	Town The	
19	Vishal vijay ravale	3	3	3	3	MA	N N	SA.	Ab	MP		M	N.	M	M	1 /	
20	Raktate Komal Babasaheb	な木	や、大	R.K	44	P.K	R. K	R.K	4.X	R.K	R.K	P.K	R. K	R.K	44	RKWR	
21	Ghumare Nikita Dattatray	8p	(A)	S S	2	3	W)	S. C.	2	Ab	J.	P.	S.	S.	0	W W	
22	Devkar Pratik shanivrutti	N. G. Rady	N.G Radina	Ratifo	Ab.	Raft P	Rachi L	N.G Mapine	N. G. Ratie	Patil	Rotte	Peatil	N. G. Eatin	44	Pratial	NEW WITH	
23	Gaikwad Niranjan Haribhau	り立	-1	NGN	1.6 1.6	NOT	52	100	- Va	9.N	A4.	5. N	Ž	500	ØŽ	らコ	
24	Vinchu priti Annasaheb	Ab	Pet	Peiti	Peili	प्राप्त	Peiti	DEIT	Peiti	Peiti	A 13d	Perti	路拍	PELE	Peiti	劉	
25	Patole Gauri Sanjay	German	Gayn	Ab	Salm P	gardi	(James)	Gary	Comme	and	44	Gard States	gam	Saw.	Gerri.	(To) }
26	Dalkari Sakshi Krishna	at a	Je Je	No.	3	200	Ab	2	30/8	STATE OF THE PARTY	K	Apa	200	8/46	1000	200	V
27	Deogaonkar Saily Laxmikant	Spill	Ah	South	Sail	Jing-	things.	Saily	Spiek Digk	Sail Times	मान्य	Saiy	Sally	Ah	Souly	Sailt	
28	Madake sarthak vishnupant	3	Mr	Sm.	Sm.	SKM	3	age of					250	E	_		7
29	Divekar Omkar Sunil	3	Don	Ab	ED	Om SKM	SEG	al Rewit	PROPERTOR	DMSA6	D.M.Sp.	560			3.w.a	W CO	
30	Prashant Raosaheb Gawali	A STATE OF THE STA	Das	PRE	4p	PRE		1	(g)	En			100	B	3	(3)	
31	Honde janardhan ramchandra	4 pt	Honde	Honot	Kome/Hond	Hondeppe	Honda	Hoade	Gonole	AB	Josef	p. D. B. Korne Hondapag	Lord	9	Horold	Towol	
32	Bhagwat Komal Rajendra	Konu	neck	Ko ma)	Komel	AP	Kome	X som	A.D. B. Korne Honole		Lone	Jakas	Loha	Comet		Come	
33	Bhosale Pravin Dattatray	P. 89.	P. J. 15	P.D.B		P.B.B	P. VIB.	P.P.B	DE	J.B.K	2.D.B.	OD BY	D.B.I	18.00	S. D.B.	p.418-1	
34	Chandanshiv arti sahebrao	9	Mrt 5 P. J. B. Kom	Astis 4R Disk was Honolope	Artist Ab	ANTIS R. B.B. B	Astist UB KowelHondappe	Att; S.P.B. Korne	Ashsd	Bot; S. P. J. B. Kome	Artisdo. D. B. Kome Hoade O. B.	44 P	Both SCO D. B. Ko Day Hose	BATISADIB Kometona	PATIS D. D.B. AL	Partis 40 41B. Kome Honold	

٠

**

3:	Someshwar balasaheb bhalerao	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
36	Jagdale kartik bhagwan	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
37	Shrutika Khalkar	学了了一个一个一个一个一个一个
38	Pratiksha kishornarode	X 3 2 2 2 2 3 3 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
39	Dawange Tejas Satish	000000000000000000000000000000000000000
40	Khatkale shital bapu	多多数多多多的人的图像是自己的图象
41	Shaikh shanaRamjan	ड हैं । है है है जे जे जे जे दी दी दी दी
42	Naik Atharv Rajesh	BO DE COM
13	Solase Arati Baban	THE STATE OF THE S

Y.S.Chaudhari

Co-ordinator, Certificate Course



A.D.Pawar

HOD
Head
Department of Microbiology
K. J. Somaiya College, Kopargaon





K. J. Somaiya College of Arts, Commerce and Science

Mohanirajnagar, Kopargaon, Dist. Ahmednagar 423601, (Maharashtra) India

Affiliated to Savitribai Phule Pune University, Pune. (ID No. PU/AN/ASC/07(1964))

Department of Microbiology

Certificate course in Health and Environment Awareness (2020-2021)

Attendance sheet for lectures

Sr.								8	Date							
No ·	Name of Students	23/02	0.3/03	50/50	50/90	06/03	10/03	30/03	12/03	12/03	13/03	17/03	1403	20/03	20/03	20100
1	Shelara deshanna saheb	-Ab	R	28	280	28	88	788	38	889	18	200	AP	88	R	300
2	Shevkar Pooja bhuapatil	Parit	-8	Impleig	Poor	BOOK	In appoint	Boa	Ab	grap point	Pool	poist.	Pégy	proof	Board	Den
3	Shaikh Aman Dilawar	* A30	8m	Smy.	Ab	Se Se	Se Se	8	In	Small	2mg	Dung	Ab	See	800	District to O
4	Maid Gayatri Bhausaheb	Ab	GUN	NE	Own of	E	3	(F)	(Pro)	Ab	and	S. S	ans	B	(3)	3
5	Alhat Atul Dagu	州	114	MH	AP	1110	Atu	How	Atul	444	MHJ(Y	A A	Ab	五	11.1
6	Gaikwad Rahul balasaheb	Colle	BORN	Paby.	Call Land	Edhil	Bally	Ab .	Aghu	Pahy Hu	Bhy	Rahu MA	Coh		Capuly	_
7	Bhagwat Gaurav Rajendra	B6.R	Ab (BGR	B G-R	B.G.R.	BGR	BGR	B.G.R	B.G.R	BGR	Ab (8GR	Ba R. Berlin	B-GRED	1. Judge
8	Jadhav vaishna vichangdeo	H	M	1/	J.	Ab	48	R	Th	TH	K	M	FV.		19	
9	Rushikesh Rokade	Ab	B	28	0	Re	PR	RA	(R)	(2)	(A)	A A	Ab	A	(A)	00
10	Katkade saurabh nanasaheb	No.	N. A.	No.	3	SP.	XN	Ab	SKNG	SER	Sport S	艺	- NA	NA NA	S. S.	
11	Sakshi Ratnakar Pingle	*	12	30	35	Ab	88	×	25	X.	2R	200	A P	200	2	10
12	Kape akanksha ravi	Ab	THUE	Akape	Se S	Brake	Beape	Brapa	Balc	Boald	1) Eagle	State	44	西海	8	000

13	Varpe pranjal sopan	à	A	Ah			1		à	1	3	3	P	AP	9	B
14	Deokar Geeta Ananda.	Geela	Geerly	Geeta	Geete	Geer	Ab	Geeda	Geelg	Gentle Gentle	Geeto	Geelo	Geele (Geela	Geers	Ele Barrer
15	Kote Sujata Dattatray	Ab	故	参	参	3%	女	希	*	数	\$	黄	*	7	8	2 Ab
16	Shinde Shweta Changdev	W W	AP	\$	\$	添	80	*	- 1	1	-	K	200	3	1	2
17	Kadam Sadichha Rajendra	Uma Bo	LYMBIAGE	Umes (ESR	Chell Ab	Ument ESP	S.	S	STATE OF THE PERSON NAMED IN COLUMN TO PERSO	N mes C	3	Q	Z Z	3	ST.	JA Clark
18	Kudale umesh somnath	Buth	Limel	Hanes	Clond	Umell	Limel	HP		Vme	-Page	Umal	Ab	faw?	Upelly	ST S
19	Vishal vijay ravale	N.	M		S. S.	*	W.	M/	M. M.	WR	*	WR	N/	· Ab	*	R. K.M.
20	Raktate Komal Babasaheb	R.K.	Ab	× ×	R.X	がス	P.K.	R.K.	R.K.	AA	R.K.	R. K.	R.K.	R.K.	R. K.	OX.
21	Ghumare Nikita Dattatray	Con Con	0	S	df.	0	3	3	3	3	(A)	Ab	3	(A)	B	8
22	Devkar Pratik shanivrutti	Rally	NG Bahir	Boline	N.G. ROKK	N G-ROHIK	Pastik Por	AA	Rotik	Rafie	Barik 1	Rodis	Rafil	N.G. Bastick	Batik	Ab
23	Gaikwad Niranjan Haribhau	Ab		NG	D'A		5.7	1 N.G	D.N.	547	52	N	Ż		5.4	AP
24	Vinchu priti Annasaheb	Peiri	PEIH	PEIH	क्रिंम	Peiti	AP (Peii	मुख्य ।	1819	माउd	PEIN	HI3d (Peh	Petti	A 2
25	Patole Gauri Sanjay	AA	Gard	(3)	TA BE	Good State	James James	Gassi	Tongs of the same	8	(A)	Terms)	Genso	journ	Garo	O
26	Dalkari Sakshi Krishna	3	B	\$	3	94	£	13	43	12	3	AP	4	2	0 3	13
27	Deogaonkar Saily Laxmikant	Tool	ेव	意	AP	र्व	Soil L	नंब	a Light	कुं		Raily	विष	Ah	विष	Sold
28	Madake sarthak vishnupant	Ab	3	3	3	3	S X	8	3	2 x	A		33	Z	& W	-
29	Divekar Omkar Sunil	70.0	9	D.0.5	7.0 D	Doc	Ab	D.O. Q	0000	DOC	DOS	000	000		BB	AB
30	Prashant Raosaheb Gawali	B	AP	E B	(F)	夏	8	Jag Jag	(A)	E	1	Se Se	0		1	Hondappe
31	Honde janardhan ramchandra	ronde	Hond	Hond	Ab (Horal	ouch.	Hond	Tohole	AA	Honor	Hord	Honol	Hondenb	1	puoH
32	Bhagwat Komal Rajendra	AP	le mes	KomyHond	Korack	Lina	Lova	Logia		Kona	Loma	Lorse Hongo	lone	Jomes	Kona	dA
33	Bhosale Pravin Dattatray	P. D. B.	4.D. Ble met Hande Ab	SOPB	Ab	Sch. D. Bluma	Sp. D. Blemay tono	of scopolice	P.O.B	P. D. 4	P. D. B.	4	10	P. D. Blome	p.D.B	P. P.B
34	Chandanshiv arti sahebrao	Ab	Miss	12/18/	光次	whise	tatisa	Astis	Artis 4.0.13 Kores	Pottse	Astisco D. Blemaltone	Pri S.	12.	4	13	BATIS

35	Someshwar balasaheb bhalerao	Se Se	8	80	8	808	Ab	RS	\$	B	\$	R	B	界	R	Ab
36	Jagdale kartik bhagwan	7	D	Ab	H	4	[]	Œ	D	D	Ð	2	Ab	17	(上)	T
37	Shrutika Khalkar	K	K	4	\$	Ab	31	\$	3/2	4	t	9	4	K	t	K.
38	Pratiksha kishornarode	PKI	Ab	PKN	PKN	PEN	P.K.N	p k-N	PKN	Pikn	PEN	p.k.n	P. K.N	Ah	PKA	M.d
39	Dawange Tejas Satish	8	(A)	A	Ab	A	B	F OF	A	Ab	(A)	P	B	B	B	B
40	Khatkale shital bapu	कं.फ	अंख	Shite	ahido	क्रमंब	Ab	Spide	shita	13.ta	Bridson go	St. St.		THE PERSON NAMED IN	Ab	2.4
41	Shaikh shanaRamjan	Spare	AP	Stand	Shand	Spara	Shand	hard	Chans.	Dares its	50	Ah	Shand	Sagar Sagar	Sharp	100
42	Naik Atharv Rajesh	阅	(A)	SAB C	图	NO NO	SAb C	E.	图	E C			B	1	(A)	No.
43	Solase Arati Baban	Se la constant	Ab	De la	Bolog	Month.	Dopu	面面	Bolog	TO GO	A A	Sold O	Ab	BOS	TO TO	SE SE

Y.S.Chaudhari

Co-ordinator ,Certificate Course

A.D.Pawar

HOD

Head
Department of incrobiology
K. J. Somaiya Colinge, Kopargaon



K.J. SOMAIYA COLLEGE OF ARTS, COMMERCE AND SCIENCE, KOPARGAON

FACULTY OF SCIENCE,

Department of Microbiology

Certificate Course in Health and Environment Awareness

Date: 20/03/2021

NOTICE

All **S.Y.B.Sc. Microbiology** students are here by informed that their Examination for Certificate Course in Health and Environment Awareness will be held on **26/03/2021** at 10.00 am in regular class room.

HOD

Department of Microbiology
K. J. Somaiya College, Kopargann

Dept. of Microbiology

Principal

Principal

K.J.Somaiya College of Arts

Commerce & Science, Kopargaon



K. J. Somaiya College of Arts, Commerce and Science, Kopargaon

DEPARTMENT OF MICROBIOLOGY

Date: 26/03/2021

ATTENDANCE SHEET,

Examination in Certificate Course in Environmental Awareness

Sr. No.	Name of the Student.	Roll. No.	Signature.
1	Marade Pratiksha kishor	50.	Rodeode
2	Chumare Nikita octtatoren	149	Chumare
3	vinchu Priti Annasaheb	236	Prettiv
4	Kape Akanksha Ravi	172	GROA
5	Kote Sujata Dottotray.	169	Exite
6	Maid Gnyatoi Bhallsaheb.	231	Plais 43
7	Mansun Irishaad Jagbal	154	short
8	Devkar Pratiksha Nivrutti	222	PAP
9	Deokar Geeta Ananda.	171	reokan
10	Jadhav valshnavi changdeo	249	Wadhay.
11	shaikh suhana Ramjan	93	Buharas
12	Deogaonkar Saily Laxmikant	208	Sailuf
13	Garowi Prasherry Reosaheb.	192	-Pui
14	Direkar Oppkar Sunil	180	Soukoes.
15	Katkade Sayrabh Nanasaheb	175	SN. Katkad
16	Alhat Atul Dagu	162	Abel
17	Ravale Vishal Vijay	205	Moule
18	Roxade Rushikesh particulary	185	Rossa
19	Honde Jandothan Zamchantra	152 -	Flonds
20	Brasale Pravin Datatray	190	Parosale
21	Bhagwal Gaueau Rajendea	17	Rhagnort
22	Naik Athan Rajesh	187	naikar
23	Dowange veras satish	20	Per
24	Madake Southak Vishnupand	244	hadake
25	Raktate Komal Babasaheb	147	and man
26	Varpe pranjal sopan	2690 Co.c	Borna
27	Bhagwat komal Rajendra	CERTECTO	KomaB
	Janara	252	acoman

27			
28	patole Gauxi Saniay	248	G. S. Patale
29	Kadam Sadichna Rajendza	247	Sudul
30	Pingle Sakshi Ratnakar	70	Single
752(7)	Chandanshix Arti Sahebras	16	Dunshi
31	Khalkar Shrutika Mandu	254	tebauti
32	Shaikh Aman Dirawar	46	AS
33	Garkward Rahul Balasahet	136	BULL
34	Dalkari Sakshi Krishna	80	Balkasi
5	Shevkar Pooja Bhay Patin	250	Poojors:5
6	7 011491 2011	200	tool08.2,
7			
8			
9	e e la seta de seta	. 1	
0		1	
1		11.81.17973	
2		1 1 4 7	
3			
Į.			3
1 (T.T.)		Traine(
			-
	10.1 P. 10.1 P. 10.1 4 U		
12 12 12			
7 m.c.			

Head. Dept. Of Microbiology

Prof. Aakash Pawar.

Prof. Aakasii Luvai.
Head

Department of Microbiology
K. J. Somaiya College, Kopargaon

Co-ordinator

Prof. Yogesh Chaudhari.

Incharge Faculty

Prof. V.S. Aher.



Kopargaon Taluka Education Society's K. J. Somaiya College of Arts, Commerce and Science, Kopargaon DEPARTMENT OF MICROBIOLOGY

Name of Stu Roll No: - Class: - Date: -	EX	amination (2020-2	ronment Awareness 21)
Date.		· ·	26/3
1. Which of th	e following statement ab	out the forest is not correc	42
		(b) Provides recreational or	
(c) Provides ec	and the same of th	(d) None of the above	· · · · · · · · · · · · · · · · · · ·
2. Most stable			
(a) Forest	(b) Desert (c) Ocea	n (d) Mountain	
3. Lignite, bitu	minous and anthracite are		
(a) Nuclear fuel		c) Natural gas	(d) Biogas
4. Which of the	following is the example	of impact of development	activities on hydrosphere?
(a) Air pollution		(c) Noise pollution	(d) Water pollution
5. Study of tren	ds in human population g	rowth and prediction of fu	ture growth is called.
(a) Demography		(c) Paleography	(d) Psychology
6. Which of the	following is not a method	of water conservation.	()
(a) Rain water ha	arvesting (b) Ground water extraction	
(c) Improving irri	gation efficiency (d) Avoiding water wastage	
7. Zone consistin	ng air, water and soil is kn	own as-	
(a) Hydrosphere	(b) Atmosphere	(c) Lithosphere	(d) Biosphere
8. Earthworms a	nd bacteria are called.		· · · · · · · · · · · · · · · · · · ·
(a) Producers	(b) Consumers	(c) Decomposers	(e) None of these
). 5th June is obs	erved as-		· · · · · · · · · · · · · · · · · · ·
a) World forest d	ay (b) World environm	nent day (c) World wild	life day (d) World population
0. Noise is meas	ured using sound meter a	nd the unit is-	(w) World population
a) Hertz (b) Decibel (c) Joule	(d) Sound	
1. The three maj	or living components of a	n ecosystem are-	
	sumers and Decomposers		nL.
) Heterotrophs, (Consumers and Reducers	(b) Producers, Autotro (d) Detritivores, Consu	mers and Phototrophs

12. The green plants are also called.
(a) Producers (b) Consumers (c) Reducers (d) Detritivores
13. Nutrients are recycled in ecosystem by-
(a) Biogeochemical cycle (b) Energy flow (c) Producers (d) Consumers
14. AIDS is caused by HIV. Among the following, which one is not a mode of transmission of HIV?
(a) Transfusion of contaminated blood. (b) Sharing the infected needles.
(c) Shaking hands with infected persons. (d) Sexual contact with infected persons.
15. Tobacco consumption is known to stimulate secretion of adrenaline and nor-adrenaline. The component causing this could be-
(a) Nicotine (b) Tannic acid (c) Curaimin (d) Catechin.
16. Which of the following factors affect human health?
(a) Infections (b) Silent mutation (c) Life style (d) Genetic disorders
17. Which one of the following disease is non – communicable?
(a) Diphtheria (b) Flu (c) Cancer (d) Malaria
18. Which of the following pairs contains an infectious and a non-infectious disease respectively?
(a) Typhoid and AIDS (b) AIDS and cancer (c) Pneumonia and malaria (d) Cancer and malaria
19. Typhoid fever in human beings is caused by-
(a) Plasmodium vivax (b) Trichophyton (c) Salmonella typhi (d) Rhinoviruses.
20. Which of the following is the bacterial disease in humans?
(a) Dysentery (b) Malaria (c) Plague (d) Both (a) & (c)
21. Which of the following pathogens causes whooping cough?
(a) Legionella sp. (b) Bordetella pertussis (c) Vibrio cholera (d) Burcella melitensis
22. Which one of the following sets includes bacterial diseases?
(a) Tetanus, tuberculosis, measles (b) Diphtheria, leprosy, plague
(c) Cholera, typhoid, mumps (d) Malaria, mumps, poliomyelitis
23. The common cold is caused by-
(a) Rhino viruses (b) Streptococcus pnemoniae(c) Salmonella typhimurium(d) Plasmodium vivax.
24. Hepatitis B is transmitted through
(a) Sneezing (b) Female Anopheles (c) Coughing (d) Blood transfusion.
25. Passive immunity can be conferred directly by
(a) Vaccines (b) Antitoxins (c) Colostrum (d) Both (b) & (c)

26. During the hosts?	e life cycle of Pl	asmodiun	n, sexual reproc	luction takes p	place in whi	ich of the following
(a) Human(b)	Female Anophe	les mosqu	iito(c) Male Ano	pheles mosqui	ita/d) Bath	· (-) ! () >
27. Amoebic d	iysentery (amo	ebiasis) is	caused by-	i voca mosqui	nto(u) Both	(a) and (b)
(a) Entamoeba		(b) E. co	_	eptococcus nne	umonia	(d) Trichophyton.
28. Which of t	he following dis	eases is t	ransmitted by t	he hite of the	fomala	(a) Trichophyton.
(a) Filariasis	(b) Amoebiasis		(c) Typhoid	(d) Pneumoni		squito vector?
29.Which of th	e following pai					
(a) Typhoid – S	Salmonella typhi		(b) Pneumonia			
(c) Malaria – As	caris lumbricoid		(d) Ringworm –			ae
30. The pathogon kingdom as that	en Microsporun t of-	n respons	ible for ringwo	rm disease in h	umans bel	ongs to the same
(a) Taenia, a tap	eworm (b) Asca	ıris, a rour	idworm (c) Rhi:	Zopus, a mould	l (d) Wucho	reria, a filarial worm.
31. Appearance	of dry, scaly les	sions with	itching on vari	ous parts of th	e hody aro	the symptoms of
(a) Elephantiasis	(b) Ring	gworm	(c) Ascar		(d) Amoek	
32. Heroin is con	nmonly called a	ıs			(w) Airiock	714313
(a) Coke ((b) Crack	(c) Smack	(d) Chara	S.		
33. Compressed	Natural Gas (CN	NG) is:				
(a) Propane (b) Methane	(c) Ethane	(d) Butan	e		
34. Which is the	Sanskrit root (v	erb form)	for the etymol	ogical derivation	on of the w	ord "Voca"
(A) Yug (E	B) Yuge (C) Yuj	(D) Yuje			olu loga r
35. Definition of \	Yoga according	to Kathop	anishad is			
(A) Control on mir	nd		(B) Contro	ol on sense org	ans, mind a	nd intolless
(C) Control on sen	se organs and in	ntellect		on body and		nd interfect
36. Definition of Y	oga according t	o Kathopa		•		
(A) Control on min	d		(B) Contro	l on sense orga	ins mind a	ad : 11
(C) Control on sens	se organs and in	tellect	(D) Control	on body and r	nind	id intellect
37. Which day is ce	elebrated as 'in	ternationa	al Day of Yoga'i	•		
(A) June 20 (B)) June 21 (C	June 22	(D) June 23			
38. Which of the fo	ollowing are cau	ses of env	/ironmental de	gradation.		
(a) Urbanization (b)	Industrializatio	n and Ove	rpopulation gro	Owth (c) Defor		
39. Which of the fol	llowing are effe	cts of env	ironmental des	radation	ะงเสตเดท(d)	All of the above
(a)Impact on human					pletion(d) /	All of the above

40 Pollution Ca	auses und	iesirabie	cnanges in the	e tollowing Cn	aracteristi	cs of air, wa	iter, land or soil
(1) Physical	(2) Che	mical ((3) Biological	(4) All of the	ese		
41. The 'Chipk	o Moven	nent', for	the conservat	ion of forest,	started in-		
(1) 1731	(2) 197	4 ((3) 1874	(4) 1831			
42. Tuberculos	sis is caus	ed by-					
(a) Mycobacte	rium	(b) Vibrio	o (c) Clos	stridum	(d) Niti	robacter	
43. Jal Yukta S	hivar Yoj	ana is rel	ated to-				•
(a)Scarcity of	water	(b) Soil e	erosion	(c) Deforesta	ation	(d) None o	f the above
44. SamajikVa	nikaran S	icheme is	related to-				
(a)Deforestation	n .	(b) Econo	omics	(c) Both a an	ıd b	(d) None o	f the above
45. Which of t	he follow	ing is cor	nsider as a life	style disease		•	_
(a) Diabetes (b) Typhoid	l (c) Chole	era (d) None of	the above		• .	
46. Health incl	udes:-						
(a) Complete p	hysical w	ellbeing	(c) Con	nplete mental	well being		•
(b) Complete s	ocial wel	lbeing	(d) All	of the above			
47. Tobacco ch	ewing is	associate	ed with increa	sed risk of wh	ich cancer	:-	
(a) Oral cancer		(b) Lung	cancer	(c) Urinary b	ladder can	cer (d)	Prostate cancer
48. Photo-chei	mical smo	og is:					
(a) H ₂ SO ₄ + HN	O ₃	(b) Vapo	urs of H ₂ SO ₄	(c) PAN + C	3 + NOX	(d) PAN + I	1 ₂ SO ₄
49. Which poll	utant exl	hibits bio	magnfication i	n food chain	-?		
(a) DDT		(b) SO ₂	(c) CO	(d) F	PAN		
50. Which will	not caus	e any atn	nospheric poll	ution -			
(a) Hydrogen	(b) Sulp	hur dioxi	de (c) Carl	bon dioxide	(d) Car	bon monoxi	de

Best of Luck





K. J. Somaiya College of Arts, Commerce and Science

Mohanirajnagar, Kopargaon, Dist. Ahmednagar 423601, (Maharashtra) India Affiliated to Savitribai Phule Pune University, Pune. (ID No. PU/AN/ASC/07(1964)) Department of Microbiology

Grading System for Certificate Course Health and Environment Awareness 2020-21

Marks (50)	Grade	Remarks
46-50	A+	Excellent
41-45	A	Very Good
36-40	B+	Good
31-35	В	Average
26-30	C+	Pass
21-25	С	Poor
15-20	D	Very Poor

Head

Dept of Microbiology

Head

Department of Microbiology

K. J. Somaiya College, Kopargaon

Dept. of Microbiology In

Principal
Principal

K.J.Somaiya College of Arts
Commerce & Science, Kopargeon



K. J. Somaiya College of Arts, Commerce and Science, Kopargaon

DEPARTMENT OF MICROBIOLOGY

Date: 27/03/2021

Result

Examination in Certificate Course in Health and Environmental

<u>Awareness</u>

	Name of the Student.	Grade
1	Alhat Atul Dagu	A ⁺
2	Bhagwat Gaurav Rajendra	В
3	Bhagwat Komal Rajendra	A
ļ	Bhalerao Someshwar Balasaheb	В
i	Bhosale Pravin Dattatray	В
	Chandanshiv Arti Sahebrao	A^{\dagger}
	Dalkari Sakshi Krishna	A
	Dawange Tejas Satish	A
	Deogaonkar Saily Laxmikant	A
)	Deokar Geeta Ananda.	A ⁺
Į.	Devkar Pratiksha Nivrutti	A ⁺
	Divekar Omkar Sunil	A
	Gaikwad Niranjan Haribhau	В
	Gaikwad Rahul Gaikwad	A^{\dagger}
	Gawali Prashant Raosaheb	A^{\dagger}
	Ghumare Nikita Dattatray	A^{\dagger}
	Honde Janardhan Ramchandra	A ⁺
- ·	Jadhav Vaishnavi Changdeo	A ⁺
	Jagdale Kartik Bhagwan	C ⁺
- 1	Kadam Sadichha Rajendra	
I	Kape Akanksha Ravi	B d

Department of Microbiology

22	Katkade Saurabh Nanasaheb	C ⁺
23	Khalkar Shrutika Nandu	A ⁺
24	Khatkale Shital Bapu	C ⁺
25	Kote Sujata Dattatray	B ⁺
26	Kudale Umesh	C ⁺
27	Madake Sarthak Vishnupant	C ⁺
28	Maid Gayatri Bhausaheb	A ⁺
29	Mansuri Irshaad Iqbal	A ⁺
30	Naik Atharv Rajesh	A ⁺
31	Narode Pratiksha Kishor	A ⁺
32	Patole Gauri Sanjay	A
33	Pingle Sakshi Ratnakar	C ⁺
34	Raktate Komal Babasaheb	A
35	Ravale Vishal Vijay	A ⁺
36	Rokade Rishikesh Dattatray	C ⁺
37	Shaikh Aman Dilawar	A ⁺
38	Shelar Aadesh Annasaheb	C ⁺
39	Shevkar Pooja Bhuapatil	C ⁺
40	Shinde Shweta Changdev	C ⁺
41	Suhana Ramjan Shaikh	C ⁺
42	Varpe Pranjal Sopan	B ⁺
43	Vinchu Priti Annasaheb	A ⁺

Head. Dept. Of Microbiology

Prof. Aakaste Eawar.

Department of Microbiology

K. J. Somaiya College, Kopargaon

Co-ordinator

Pfof. Yogesh Chaudhari.

Incharge Faculty

Prof. V.S. Aher.









Specimen

Kopargaon Taluka Education Society's

K.J. Somaiya College of Arts, Commerce and Science, Kopargaon

(Affiliated to Savitribai Phule Pune University, Pune)
NAAC Re-accredited with "AC Grade An ISO 9001:2015 Certified Institute

Best College Award by S.S. June University

Mohanirajnagar, Kopargaon, Dist. Ahmednagar - 423 601. (Maharashtra) India.

S'Exrtificate &

rtify that Mr./Ms./Mrs.	This is to certify
has successfully completed the certificate	from the class_
	course entitled
run by conducted between	the Department
	/ /20/
	grade.
Q.	

Coordinator

Certificate Course Chairman









K.J. SOMAIYA COLLEGE OF ARTS, COMMERCE AND SCIENCE, KOPARGAON

FACULTY OF SCIENCE,

Department of Microbiology

Application for Permission to commence Certificate Course: 2021-22

Date: 1/12/2021

To,

The coordinator,

IQAC, K. J. Somaiya College,

Kopargaon

Subject: Regarding Permission to commence Certificate Course for S.Y.B.Sc(2021-22)

Respected Sir,

With reference to subject cited above, it is essential to start Certificate Course for the students of S.Y.B.Sc. Microbiology, so as to improve their awareness in respective subject. So please allow us to commence the Certificate Course classes w. e. from 20/12/2021 after regular classes.

HOD

Department of Microbiology
K. J. Somaiya College, Kopargaon

Dept. of Microbiology

Principal

Principal

K.J.Somaiya College of Arts

Commerce & Science Kopáráác



K.J. SOMAIYA COLLEGE OF ARTS, COMMERCE AND SCIENCE, KOPARGAON

FACULTY OF SCIENCE,

Department of Microbiology

NOTICE

Certificate Course in Health and Environment Awareness

This course is designed for the awareness purpose regarding Health and Environment. This pandemic has badly hit our life's with severe Health issues. It has taught us many good things to be followed in our day-to-day life which has to be taken care of. So, Health is the first priority for us. We request all Students to Enrol yourself before 20th DEC 2021 to this Certificate Course and get educated and understand the importance of Health and Environment.

Syllabus for this Course is as follows

Chapter 1- Introduction

Chapter 2- Health Awareness

Chapter 3- Environment Awareness

Chapter 4- Environmental Issues

Head.

Department of Microbiology

Department of Microbiology
K. J. Somaiya College, Kopargaon

Principal

Principal

K.J.Somaiya College of Arts

Copumerce & Science Keparasc

ST. DECEMBER OF THE PROPERTY O

Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce and Science



Mohanirajnagar, Kopargaon, Dist. Ahmednagar 423601, (Maharashtra) India

Affiliated to Savitribai Phule Pune University, Pune. (ID No. PU/AN/ASC/07(1964))

Department of Microbiology

Date: 20/12/2021

Time Table for Certificate Course

Course Name: Certificate course in Environment and Health Awareness

Class: S. Y. B. Sc.

Lectures for the certificate course will be conducted on every Wednesday and Saturday.

Time: 1 PM - 3 PM

Mr. Y. S. Chaudhari

Co-ordinator

Certificate Course

Mr. A. D. Pawar

Head

Department of Microbiology

Principal

K. J. Somaiya College

Department of Microbiology
K. J. Somaiya College, Kopargaon

Principal
K.J.Somaiya College of Arts
Commerce & Science, Kopargaon

STATE OF THE PARTY OF THE PARTY

Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce and Science



Mohanirajnagar, Kopargaon, Dist. Ahmednagar 423601, (Maharashtra) India

Affiliated to Savitribai Phule Pune University, Pune. (ID No. PU/AN/ASC/07(1964))

Department of Microbiology

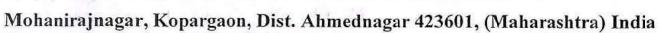
Students list

Examination in Certificate Course in Health and Environmental Awareness

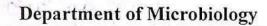
Sr. No.	Name of Student
1	CHIKANE KALYANI SANJAY
2	KOLHE PRITI GANESH
3	TIBHE VAISHNAVI SANJAY
4	SAWARGAOKAR GAURI VISHWAS
5	SURASHE MANSI GOVIND
6	SINGAR VAISHALI DIGAMBAR
7	BIDVE ADITYA YUVRAJ
8	NARODE GAYATRI SHANTARAM
9	SABALE SWAMINI RAMESH
10	PARMESHWAR AMRUTA RAMKISAN
11	DESHMUKH ADITI ASHOK
12	LONDHE PRATIKSHA DNYANESHWAR
13	SHELKE NIKITA DILIP
14	GOSAVI VAISHNAVI LAXMAN
15	RAKTATE MADHURI VILAS
16	KHARAT PRATIKSHA ARJUN
17	JAGTAP MANYATA KAILAS
18	SHINDE VAISHNAVI SADASHIV
19	PACHORE KALYANI VIJAY
20	PACHORE ROHINI ARUN
21	PACHORE TEJAS ARUN







Affiliated to Savitribai Phule Pune University, Pune. (ID No. PU/AN/ASC/07(1964))



Certificate course in Health and Environment Awareness

Attendance sheet for lectures

Sr.	Name of Students	Date					
No.		22/229/12 01/01 05/01 08/01 12/01 14/01 19/01 22/01 29/01 02/02 05/02 09/02 12/02 K/02					
1	CHIKANE KALYANI SANJAY	Ab BC BCBC Ab BCBC Ab RIC Ab RIC RICESC BC RIC					
2	KOLHE PRITI GANESH	Priti Ab priti					
3	TIBHE VAISHNAVI SANJAY	TV					
4	SAWARGAOKAR GAURI VISHWAS	Dearn Stant Cain Ab Spuil Scaun Ab Soun Que Pour Bour Phon Phon Shain Shain Shain Scau					
5	SURASHE MANSI GOVIND	MS Ab					
6	SINGAR VAISHALI DIGAMBAR	S. J. Ab (S.) (S.V. S.V. S.V. S.V. S.V. Ab (S.V. Ab (S.V. S.V. S.V. S.V. S.V. S.V. S.V. S.V					
7	BIDVE ADITYA YUVRAJ	AYDAYDAYD BYA BYA BYA BYA BYA BYA BYA BYA BYA BY AGY AGY AYA AYD AYD AYD AYD AYD AYD AYD AYD AY					
8	NARODE GAYATRI SHANTARAM	(Alara Grand Harry Grand Harre Chara					
9	SABALE SWAMINI RAMESII	SER SER AL SER SER SER SER SER SER SER BER AL SER AL SER					
10	PARMESHWAR AMRUTA RAMKISAN	(SPP ARD DRO FOR BRP AB BRP ARP APP BOY BRPARP DROBER BRP					
11	DESHMUKH ADITI ASHOK	Ab Miti Aditi Adit					
12	LONDHE PRATÍKSHA DNYANESHWAR	P. DI P. DL POL POL POL POL POL POL POL POL POL PO					
13	SHELKE NIKITA DILIP	MICHALIER HIER HIER HIER HIER AL ENGLICHO AL MACON MIEN HIER HIER HIER HIER HIER					
14	GOSAVI VAISHNAVI LAXMAN	VIEW Ab (VIEW (VIEW Ab) (VIEW Ab) (VIEW Ab) (VIEW VIEW Ab)					



Sr. No.	Name of Students	Date
DATE TO VALUE OF THE PARTY OF T	RAKTATE MADHURI VILAS	22/12 29/12 01/01 05/01 08/01/12/01 14/01 19/01 22/01 29/01 02/00 05/02 09/00 12/00 16/00
	KHARAT PRATIKSHA ARJUN	R.MV R.M.V R.MV R.MV R.MV R.MV R.MV R.MV
	JAGTAP MANYATA KAILAS	Ab Pt Ab Dt Pt Pt Pt Pt Ab Dt Pt Ok Dt Ab Dk
	SHINDE VAISHNAVI SADASHIV	(DMITMICIMETAL AL DMITMIDMETAL AL DMITMIDMETAL
	PACHORE KALYANI VIJAY	5.V.3 5.V.S 6.V.S Ab 5.V.S 6.V.S 6.V.S 5.V.S 5.V.S 5.V.S 5.V.S 5.V.S 5.V.S 5.V.S
20	PACHORE ROHINI ARUN	Back to Back Back Back Back Back Back Back A County Back
21	PACHORE TEJAS ARUN	OF OF OR OF OR OF OR OF OR OF OR
21	THENORE TEJAS ARON	Teja Tejas T

Mr. Y. S. Chaudhari

Co-ordinator, Certificate Course



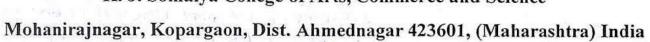
Mr. A. D. Pawar

Head, Department of Microbiology

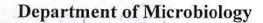
Head







Affiliated to Savitribai Phule Pune University, Pune. (ID No. PU/AN/ASC/07(1964))



Certificate course in Health and Environment Awareness

Attendance sheet for lectures

Sr.	Name of Students	Date					
No.		22/12 29/12 01/01 05/01 08/01 12/01 14/01 19/01 22/01 29/01 02/02 25/02 09/02 12/02 16/02					
1	CHIKANE KALYANI SANJAY	ESCHICRIC RIC BIC BIC BIC BURIC AS BE BIC BURIC					
2	KOLHE PRITI GANESH	Priti Priti Ab Priti					
3	TIBHE VAISHNAVI SANJAY	Ab TV TV TV TV Ab TV Ab TV TV TV TV TV					
4	SAWARGAOKAR GAURI VISHWAS	Gran Brain Scarn Blan Brain Brain Draw Blan Brain Prais Prais Ab Brann Brain					
5	SURASHE MANSI GOVIND	MS Ab MX MX Ab MX MB MY Ab MY MY MY MY					
6	SINGAR VAISHALI DIGAMBAR	A-VOCO SUA DE VI AND AND AND EXPENSIVE ON AL C.D					
7	BIDVE ADITYA YUVRAJ	CAXA: AYBAYD Ab (AYBAYB AYB AYB AYB AYB AYB AYBAYB AYBAYB					
8	NARODE GAYATRI SHANTARAM	CHard Quare Chard Chard Color Chard					
9	SABALE SWAMINI RAMESH	SER SER SER SER SER AB SER SER SER SER AB SER AB					
10	PARMESHWAR AMRUTA RAMKISAN	AL ARP					
11	DESHMUKH ADITI ASHOK	Aditi					
12	LONDHE PRATIKSHA DNYANESHWAR	CA TCA C. o To all Ca Tod Tod Tod Tod Tod Tod do d					
13	SHELKE NIKITA DILIP	HILLIA CHEM MICHAGI EN ALEM ALEM ALEM ALEM ALEM ALEMATICA					
14	GOSAVI VAISHNAVI LAXMAN	VIE Ab VIG Ab VIG Ab VIG Ab VIE VIG VIG VIG Ab VIE					



Sr.	Name of Students	Date					
No.	Name of Students	22/12 29/12 01/01 05/14 08/01 12/01 14/01 19/01 22/01 29/01 02/02 05/02 09/02 12/02 16/02					
15	RAKTATE MADHURI VILAS	R. PI VRITIY AL RIM VEMIN RMYRIMIN RITHY RIMI RIMIN RI					
16	KHARAT PRATIKSHA ARJUN	Ab PK DE PK PE Ab PKOK PK Ab DE PK PK PK					
17	JAGTAP MANYATA KAILAS	THE TIME THE Ab DIME GOVE OTHE Ab DIMEDIME DIMEDIME AB DIME					
18	SHINDE VAISHNAVI SADASHIV	5. V. 5 S. V.					
19	PACHORE KALYANI VIJAY	partor spartor partor spartor spartor spartor partor Ab Charles Ab Charles spartor					
20	PACHORE ROHINI ARUN	PR Ab PR PROP PRAB BE OF PROP PROP					
21	PACHORE TEJAS ARUN	real tea					

Mr. Y. S. Chaudhari

Co-ordinator, Certificate Course

Dept. of Charles of Ch

Mr. A. D. Pawar

Head, Department of Microbiology Head

Department of Microbiology
K. J. Somaiya College, Kopargaon



K.J. SOMAIYA COLLEGE OF ARTS, COMMERCE AND SCIENCE, KOPARGAON

FACULTY OF SCIENCE,

Department of Microbiology

Certificate Course in Health and Environment Awareness: 2021-22

Date: 12/03/2022

NOTICE

All S.Y. B.Sc. Microbiology students are here by informed that your Exam for Certificate Course in Health and Environment Awareness will be held on 16/03/2022 at 9.00 a.m. in regular class rooms.

HOD

Department of Microbiology

K. J. Somaiya College, Kopargaon

Dept. of Microbiology

Principal

Principal
K.J.Somaiya College of Arts
Commerce & Science, Kopargaon



K. J. Somaiya College of Arts, Commerce and Science, Kopargaon DEPARTMENT OF MICROBIOLOGY

Certificate Course in Health and Environment Awareness Examination (2021-22)

Name of Stude	ent:		A THE WAY	eness Examination (2021-22)
Roll No.:	•	, f+. •		
Class: 5 7 B	.Sc.			
Date: 16/3/	22			
1. Health is a sta	ate of complete,	and	well-being	
A) Physical	B) Mental	C) Social	D) All of t	he above
2. Van Mahotsa				450 ye.
A) Planting a	and protecting trees		C)	Restoration of green cover
B) Destructio	n of trees should be	curtailed		All the above
	cample of non-renev		al resources	Am die above
	B) Solar energy			d petroleum
4. Health is not n	nerely the absence of	of and	_•	1
A) Disease	B) Infirmity	C) Bo	oth A and B	D) None of the above
	ovement was origin			
A) Harridwar				D) Chamoli
6. Healthful activi	ties includes			,
A) Stress	B) High risk beh	aviour C	') Adequate sle	eep D) Smoking
	llowing is a fossil f			- John Maring
	B) Coal		Petroleum	D) All the above
8. Smoking is unhealthful one.	nhealthful activity	and many	other activity	ties like, andalso
A) Stress	B) Drug abuse	C) Alcoho	ol consumption	D) All of the above.
9. Soil erosion can	be prevented by			of the above.
A) Afforestation	B) Deforestation	C) Ove	er grazing	D) Removal of vegetation
10. Green House ef				
A) Cooling of ea	arth B) Trapping o	f UV rays	C) Warming o	fearth D) All of the above.

11. Global warming will cause the following problem
A) Melting of glaciers B) Raising of ocean level C) Sinking of islands D) All the standards
12. The scope of health awareness includes, prevention and treatment
A) Mitigation B) Promoting health C) to prevent the pandemic D) All of the above
13. Common energy source in village is
A) Coal B) Biogas C) Electricity D) Wood and animal dung
14. Prevention of diseases, promoting healthcare and improving medical care comes under

A) Health prediction B) Health awareness C) Scope of health D) Improvisation of world
15. India has medical facilities, research and proper infrastructure.
A) Moderate B) Great C) Poor D) Good
16. Soil erosion is caused by
A) Deforestation B) Farming and mining C) Overgrazing by cattle D) All the above.
17 is used for generation of electricity
A) Tar B) Coal C) Petroleum D) All the above
18. Biogas is otherwise called as
A) Vermi gas B) Methane C) Gobar gas D) Global gas
19. Earth's surface is covered with nearly of water.
A) 70% B) 74% C) 72% D) 73%
20. Europe and USA has medical facilities, research and proper infrastructure.
A) Moderate B) Great C) Poor D) Worst
21. The main purpose of rainwater harvesting is recharge the
A) Gardens B) Wells C) Cannels D) Groundwater table
22. Disposal of any kind of electrical and electronic waste is called
A) Waste B) Domestic waste C) Vegetable waste D) e-waste
23. Removal of microorganisms from the sewage water is by
A) Aeration B) Pre-screening C) Disinfection D) Sludge removal
24. Process of burning of non-biodegradable solid waste is called
A) Composting B) Incinerations C) Segregation D) Sanitary land filling

	• •	• ±4	•
25. Deforestation is caused by			
A) Over population and shifting o	f cultivation	C) Over grazing	and forest fire
B) The increase in demand for fue	l is another reason	D) All the abo	That It
26 is an elixir of life	4.4.3.2.		
A) Air B) Water	C) food	D) All the above	, ·•.
•			• •
27. Deforestation generally decreases			
A) Rain fall B) Drought C) (Global warming	D) Soil erosion	
28. The headquarters of world health or		- "	
A) Geneva, Switzerland B) Ven			aris, France
29 is the director general of world h			
A) Tedros Ghebreyesus C) Den			
B) Jerome Taylor D) Gro	Harlem Brundtlan	d	
30. The apex body governing the medic			
A) World Bank B) World health orga			_
31. Which is the first state in India compulsory to all the across the state is			
A) Tamil Nadu B) Karnataka	C) Kerala	D) None of these	e
32. World Water Day is celebrated on			
A) March 12 B) March 22	C) March 25	D) March 30	
33. Water scarcity is mainly caused due to	0		
A) Over population B) Low rainfa	all C) Over-exp	loitation D) Unequ	ual access
34. To remain healthy following things s	hould be followed		
A) Regular exercise B) Balar	nced diet C) Bo	th A and B D) Sr	noking
35. Which of the following is not an air p	ollutant	,	
A) Smoke B) Carbon Dioxide	C) Nitroger	ı Gas D) Sulphur Dio	oxide
36. In which year, U.N. Conference on hi			
A) 1962 B) 1972 C) 198			
37 these habits are included in good h	ealthy habits.		
A) Good balanced diet B) Drinking plen	ty of water C) Rep	gular exercise D) Au -	f the above

. F		- 4 			÷.	
38. 0	250	in his healthy lifes				• :
	A) Yogasanas // (기구) // Meditation is ne	B) Pranayan	nas C) Med	ditation D) A	ll of the ab	ovė
A)	Get focus quic	kly B) Calm you	mind C) Get	concentrate on	work D)	All of the above
		g yoga, you will g				or the above
A	A) Calm mind	B) Physica	lly fit body	C) Both A	and B	D) None
4 1. C	One can donate	her blood after	months of pre			D) Notice
		3) 2 C) 3	D) 4			
42 weig	_ ml of blood ht.	l is taken out fro	m the person	during blood	donation, a	eccording to her
A	a) 300-350 ml	В) 350-400 п	ıl C) 350-4	50 ml D) 30	00-500 ml	
43. E sprea	Ouring the wake	e of Covid19, who	at preventive n	neasures one sl	ould follo	w to contain the
A	a) Use of mask	B) Use	of sanitizer	C) Both A ar	nd B D)	None
44. F disea	Iand washing f ses.	for a period of at	least secon	nds is necessar	y to prever	nt the spread of
A	.) 10	B) 30	C) 20	D) 50		
45. O	ne should take	the balanced diet	which include	s		
Α	.) Junk food	B) Cereal	C) Fried	food	D) Both A	and B
46. O	ne should avoi	d the food whi	ch could not be	e healthy and c	an cause sid	de effects.
A) Junk food	B) Cereal	C) Both	A and B	D)	Pulses
47. A	ccording to wo	orld health organis	ation (WHO),	health includes	;	
Α) Physical heal	th B) Mental	health C	c) Social health	D) All	of the above
48. W	hich one of the	e following cause	harm to humai	n health?		
		ides B) Organic fa			les D) Prot	ecting forests
		rs to unhealthful i			•	C
) Healthy food	B) Foul food			D) Nutrition	us food
50. D	esertification o	f Cauvery is cause	•			
		,				

ę .



K. J. Somaiya College of Arts, Commerce and Science, Kopargaon

DEPARTMENT OF MICROBIOLOGY

Certificate Course in Health and Environment Awareness Examination (2021-22)

Attendance

Date: 16/03/2022

Sr. No.	Name of Student	Sign	
1)	chikane kalyani sanjay	Worlfmuh	
হ)	chikane kalyani sanjay kolhe priti Ganesh	AAD.	
3)	Tibbe vaishnaul sanjay	Coults:	
4)	pachore Rohini Arun'	tach	
5)	Pachore Kalyani Visiay	Jacky Bruson	
6)	Narodo Gajetei Shantaram.	Gengrade.	
7)	Singae Vaishali Digambae.	Doishalis.	
1)	Londhe Pratiksha Dnyaneshwar	Penche.	
9>	Deshmukh Agditi Ashok	JEMAN	
10)	Gosavi Daishnavi Laxman.	Atsoil.	
11)	1	Blke.N.	
12)	Raktate Madhuri Vilas	Padhuse.	
13)	Pathore Tejal Anin	persono.	
(4)	The state of the s	agours	
15)	Sawargaonkar Gauri Vishuas	Dawitgaonka.	
16)	Shinde vaishnavi sadashiv	Bland	
17)		mayrashe	
18)	surase Mansi Govind . kharat Pratiksha - Artur	Phorait	
19)	Jagtal Manyater Kailars	mekent.	
	3.0		

Yogesh S Chaudhari

Aakash D Pawar

Co- Ordinator

head Dept of Microbiology

Head
Department of Microbiology
K. J. Somaiya College, Kepargaen





K. J. Somaiya College of Arts, Commerce and Science

Mohanirajnagar, Kopargaon, Dist. Ahmednagar 423601, (Maharashtra) India Affiliated to Savitribai Phule Pune University, Pune. (ID No. PU/AN/ASC/07(1964)) Department of Microbiology

Grading System for Certificate Course Health and Environment Awareness 2021-22

Marks (50)	Grade	Remarks
46-50	A+	Excellent
41-45	A	Very Good
36-40	B+	Good
31-35	В	Average
26-30	C+	Pass
21-25	С	Poor
15-20	D	Very Poor

Dept of Microbiology Head

Department of Microbiology K. J. Somaiya College, Kopargaon



K.J.Somaiya College of Arts Commerce & Science, Kopargac



K. J. Somaiya College of Arts, Commerce and Science



Mohanirajnagar, Kopargaon, Dist. Ahmednagar 423601, (Maharashtra) India

Affiliated to Savitribai Phule Pune University, Pune. (ID No. PU/AN/ASC/07(1964))

Department of Microbiology

Date: 21/03/2022

Result

Examination in Certificate Course in Health and Environmental Awareness

Sr. No.	Name of Student	Grade	
1	CHIKANE KALYANI SANJAY	A	
2	KOLHE PRITI GANESH	A	
3	TIBHE VAISHNAVI SANJAY	A	
4	SAWARGAOKAR GAURI VISHWAS	B ⁺	
5	SURASHE MANSI GOVIND	A	
6	SINGAR VAISHALI DIGAMBAR	В	
7	BIDVE ADITYA YUVRAJ	В	
8	NARODE GAYATRI SHANTARAM	A	
11	DESHMUKH ADITI ASHOK	A ⁺	
12	LONDHE PRATIKSHA DNYANESHWAR	A ⁺	
13	SHELKE NIKITA DILIP	A ⁺	
14	GOSAVI VAISHNAVI LAXMAN	A ⁺	
15	RAKTATE MADHURI VILAS	A ⁺	
16	KHARAT PRATIKSHA ARJUN	В	
17	JAGTAP MANYATA KAILAS	B ⁺	
18	SHINDE VAISHNAVI SADASHIV	A	
19	PACHORE KALYANI VIJAY	B^{+}	
20	PACHORE ROHINI ARUN	A ⁺	
21	PACHORE TEJAS ARUN	В	

Prof. Y. S. Chaudhari

Coordinator, Certificate Course

Prof. A. D. Pawar

Head, Department of McPobiology
Department of Microbiology
K.J. Somaiya College, Kopargaon









K.J. Somaiya College of Arts, Commerce and Science, Kopargaon

(Affiliated to Savitribai Phule Pune University, Pune)
NAAC Re-accredited with "A" Grade An ISO 9001:2015 Certified Institute

Best College Award by S. J. June University

Mohanirajnagar, Kopargaon, Dist. Ahmednagar - 423 601. (Maharashtra) India.

S Certificate &

	This is to certify that Mr./Ms./Mrs.
has successfully completed the certificate	from the class
	courseentitled
run by	
conducted between	the Department of
He/She has been awarded with	// /20 & / /20
	gvade.

Coordinator

Certificate Course Chairman

JUL Principal





2019-20

Sr.No.	Department	Name of Certificate Course	Duration	Number of students enrolled	Number of students completed course
1	Microbiology	Certificate Course in Environmental Health and Awareness	30 Hours	49	49

2018-19

Sr.No.	Department	Name of Certificate Course	Duration	Number of students enrolled	Number of students completed course
1	Microbiology	Certificate Course in Environmental Health and Awareness	30 Hours	21	21

Department of Microbiology

K. J. Somaiya College, Kopargaon

K.J.Somaiya College of Arts
Commerce & Science, Kopargaon

K. J. Somaiya College of Arts, Commerce and Science



Mohanirajnagar, Kopargaon, Dist. Ahmednagar 423601, (Maharashtra) India

Affiliated to Savitribai Phule Pune University, Pune. (ID No. PU/AN/ASC/07(1964))

Department of Microbiology

Summary of Certificate course in Health and Environment Awareness

The certificate course in health and environment awareness is designed for the awareness purpose regarding health and the environment. In today's scenario, we came to know many diseases, and the spread of various diseases like MERS, SARS, and Covid19 made the situation worse. Hence, health and environmental awareness remain vital for the Containment of such diseases.

The Course includes health and its basics by makingpeopleawareof health and health practices. The involvement of healthful activities like exercise and yoga will lead to healthy and able youth who share some stakes in society's good and eventually in the country's good. Blood donation will be beneficial, in generating plenty of blood & blood components leading to fulfilling the demand for it. Sanitary practices step towards the Swachh Bharat mission and improvisation in the health sector.

The course also includes the environment and its awareness surrounding basics to the issues of concern with their impact on human life. Environment and ecology imparting its effect on human life since their origin. The concerns regarding the lowered levels of good environment in many areasacross the globe and their resolutions give the idea of analysis of environment and initiatives taken by government for the sake of people. This will lead to a lowering of environmental challenges.

Certificate Course in Health and Environment Awareness

Syllabus

Objectives/course outcome:

- 1. To create awareness about the Health and Environment among the students
- 2. To introduce the health conciseness and importance of Yoga in the human life.
- 3. To create awareness about importance of environment in humans day to day life

Chapter 1: Introduction:

- Definition of Human Health
- Nature of Human Health
- Scope of Health awareness
- World scenario for Health awareness
- World Health Organization (WHO)

Chapter II: Health Awareness

- Importance of Health awareness
- Importance of Exercise
- Yoga & Health
- Blood Donation & Health
- Hand Wash system
- Rural health mission in India
- Good Food for Good life
- Habits and its impact on human health.

Chapter III: Environment Awareness

- Introduction
- Definition of Environment
- Importance of Environmental Awareness
- Nature & Scope of Environmental Science

Chapter IV: Environmental Issues

- Pollution, Definition, Types
- · Role of Trees in human life
- Role of Animals in human life
- Human body and Environmental changes
- · Diseases and its awareness
- Human impact on environmental degradation
- Tree Plantation programme in India
- SamajikVanikaran Scheme of Maharashtra Govt.
- Jal YuktShivar Scheme and Environment
- Changing Agriculture pattern in environmental degradation



K.J. SOMAIYA COLLEGE OF ARTS, COMMERCE AND SCIENCE, KOPARGAON

FACULTY OF SCIENCE,

Department of Microbiology

Application for Permission to commence Certificate Course: 2022-23

Date: 09/11/2022

To,

The coordinator,

IQAC, K. J. Somaiya College,

Kopargaon

Subject: Regarding Permission to commence Certificate Course for S.Y.B.Sc (2022-23)

Respected Sir,

With reference to subject cited above, it is essential to start Certificate Course for the students of S.Y.B.Sc. Microbiology, so as to improve their awareness in respective subject. So please allow us to commence the Certificate Course classes w. e. from 14/11/2022 after regular classes.

HOD

Head Department of Micro

Department of Microbiology
K. J. Somaiya College, Kopargaon

Dept. of Microbiology Argania

Principal

Principal

K.J.Somaiya College of Arts

Commerce & Science, Koparc



K.J. SOMAIYA COLLEGE OF ARTS, COMMERCE AND SCIENCE, KOPARGAON

FACULTY OF SCIENCE,

Department of Microbiology

Date: 08/11/22

NOTICE

Certificate Course in Health and Environment Awareness

This course is designed for the awareness purpose regarding Health and Environment. This pandemic has badly hit our lives with severe Health issues. It has taught us many good things to be followed in our day-to-day life which has to be taken care of. So, Health is the first priority for us. We request all Students to enrol you till 09th NOV 2022 to this Certificate Course and get educated and understand the importance of Health and Environment.

Syllabus for this Course is as follows

Chapter 1- Introduction

Chapter 2- Health Awareness

Chapter 3- Environment Awareness

Chapter 4- Environmental Issues

Head,

Department of Microbiology

Head

Department of Microbiology

K. J. Somaiya College, Kopargaon

Dept. of Microbiology #

Principal

Principal
K.J.Somaiya College of Arts
Commerce & Science, Kopargaon



K.J. SOMAIYA COLLEGE OF ARTS, COMMERCE AND SCIENCE, KOPARGAON

FACULTY OF SCIENCE,

Department of Microbiology

Certificate Course in Health and Environment Awareness: 2022-23

Date: 09/11/2022

Time Table for Certificate Course

Course Name: Certificate Course in Health and Environment Awareness

Class: S. Y. B.Sc.

Lectures for the Certificate Course will be conducted on every Monday and Saturday.

Time: 10:30 am to 11:00 am

Ms. P. K. Gakkhad Co-ordinator Certificate Course Mr. Y. S. Chaudhari

Head

Department of Microbiology

Department of Microbiology K. J. Somaiya College, Kopargaon

Head

Dr. B. S. Yadav Principal

K. J. Somaiya College

K.J.Somaiya College of Arts
Commerce & Science, Koparga



K. J. Somaiya College of Arts, Commerce and Science



Mohanirajnagar, Kopargaon, Dist. Ahmednagar 423601, (Maharashtra) India

Affiliated to Savitribai Phule Pune University, Pune. (ID No. PU/AN/ASC/07(1964))

Department of Microbiology (2022-23)

Students list

Examination in Certificate Course in Health and Environmental Awareness

Sr. No.	Name of Student
1	Abhale Vishakha Keshav
2	Sonawane Sapana Kailas
्3	Anarthe Vaidehi Atmaram
-4	- Navale Rutuja Prakash
5	Fatangare Nikita Ravindra
6	Shete Payal Sharad
7	Mahale Aarti Sanjay
8	Aher Snehal Ashok
9	Achari Ishwari Vikas
10	Sonawane Akshada Suresh
11	Shaikh Ayesha Wasim
12	Kalwaghe Sejal Sudhir
13	Gaikwad Sakshi Sharad
14	Shaikh Muskan Mustafa
15	Shinde Pallavi Shankar
16	Chavan Gayatri Somnath
17	Mali Avantika Ananad
18	Patil Sakshi Vivek
19	Kakale Nalanda Sunil
20	Wani Janaki Rajendra
21	Pandore Jyoti Sandip
22	Gawali Priyanka Narayan
23	Gaikwad Sakshi Sandip
24	Dube Pratiksha Vitthal
25	Bhalerao Trupti Pramod
26	Ghodage Shubham Gautam
27	Manjare Saish Sunil
28	Gorade Sanket Ashok
29	Pasalkar Swapnil Balasaheb
30	Gorade Rahul Arun

31	Khrat Aniket Sanjay
32	Dahe Yogesh Anil
33	Londhe Rohit Madhukar
34	Chavhan Puja Nanansaheb





K. J. Somaiya College of Arts, Commerce and Science

Mohanirajnagar, Kopargaon, Dist. Ahmednagar 423601, (Maharashtra) India

Affiliated to Savitribai Phule Pune University, Pune. (ID No. PU/AN/ASC/07(1964))

Department of Microbiology

Certificate course in Health and Environment Awareness (2022-2023)

Attendance sheet for lectures

Sr.	The state of the s	to the	1 30		1.73	1 1 Fee	7 4	d	Date				1-2-1		121	
No.	Name of Students	19/11	19/11	21/11	28/11	3/12	5/12	10/12	19/12	24/12	26/12	31/12	7/01	9/01	19/01	16/6
1	Abhale Vishakha Keshav	OA	0	AD.	OA	AD.	QA.	Ab	AD	(A)	AD	JA.	WA.	MA.	(VA	AV
2	Achari Ishvari Vikas	Ab	Show	Ab	The	Schul	15 hus	150	Tehu	19	59	1500	18	1	Ab	COL
3	Aher Snehal Ashok	AR	109	(dr	CA	Ab	9	GA	Sp	CSA	N. M.	GX	SA	Collins of	mich	No.
4	Anarthe Vaidehi Atmaram	KB.	How	(Bay	tha	Brong	Maro.	BLAN.	Maior	Ab	that	Pro	Ab	Trans	Water .	To a
5	Bhalerao Trupti Pramod	(Sp	10	NO.	M.	P	dA	TOP	100	TOP	SP -	THE -	Map .	102	No	de
6	Borade Rahul Arun		Ab	M	237	1	X	185	1		18	-	2000	100	aroju	1
7	Chavan Puja Nanasaheb	1960	Portor	4	Ab	POST	god	Ab	Poer	A SA	Par	TA TO	To the	Too	R	F
8	Chavhan Gayatri Somnath	GB.	13	08	10	3.	AL	19.	100	100	Ah	10	- A	1h	jh.	16
9	Dahe Yogesh Anil	1	1	1/2	S	14	(A)	1	7	17	1	COT	1	1	000	C
10	Dube Pratiksha Vitthal	OSC .	Ab	W.	A.	1 Jan	M.	A	N AP	W.	Her		- William	- Si	The	- 600
11	Gaikwad Sakshi Sandip	(Deso	350	Good	1900	70	3300	Cook	N Comp	S SUN	1900	No Her		Carin	1930	gat
12	Gaikwad Sakshi Sharad	Ab	Taked	200	1608	Born	2000	Cat-80	Cor		Con	100	Ab	1000	FOM	AL
13	Gawali Priya Rayan	(B)	CPM	· Ab	Upr	1 Copy	Sept	THE	Ob		A THE	Chuic	Shug	Chia	Shug	Sh
14	Godage Shubham Gautam	(96)	Sym	y) The	Car	Chap	N LID	Shop	Sing	6 ru	shus	Shu	SIM	a distance		

P. J. Santalya College, Kopargaon

_			Date													
Sr. No.	Name of Students	14111	19/11	21/11	28/11	3/12	5/12	10/12	19/12	24/12	26/12	31/12	7/01	4/01	14/1	[6]
15	Gorade Sanket Ashok	COOL.	Carry	Dor-	Cory	(Con	Som	Son	E	Ab	200		Zav 9	The	3	· K
16	Kakale Nalanda Sunil	Ab	Nake	Ab	Nalon	Halas	Long Control	Hale	Nebal	Maler	Nalate	Ab	0	Nation	Marie	TIME
17	Kalwaghe Sejal Sudhir	E.	1	40	1	3	Ab	\$	900	D	72	XXXX	Ab	PN	Luch	R
18	Kharat Aniket Sanjay	part	Auto	chark	Pale		than	Daugh.	Present	Kharl	Whata	Khash		Kham	a Lill	200
19	Londhe Rohit Madhukar	160M2	porvie	pom	Ab	Mary	Tohil	Puhite	Pohib	Rohl	Ab	Pahilu	port.	Pho	DON'TH	(A)
20	Mali Avantika Anand	Am	Ab	Gam	-AM	AM	Am	Ab	49m (AM	1-AK	(A)	(PM	AM	Sun 1	Á
21	Manjare Saish Sunil	5	SM	Sm.	SI	8M	&M	Sim	Sm	San	Sm	Sim	SM	Sm	4h	A
22	Navale Rutuja Prakash	No	No	Ap	(NP	Ab	No	NP	No	(NP	No	Ab	NP	JP.	b	4
23	Pasalkar Swapnil Balasaheb	E	Ren	1	The second	8	B'	Po	Ab	0	B	D.0	4.0	160	10	1
24	Patil Sakshi Vivek	porus	POUR	Palls	paths	(als)	yedis	patie	posts	polity	Patr	puny	Potry	Patro	Purch	pw
25	Shaikh Ayesha Wasim	forkel	holen	Sharry	shairh	charty	Shaik	gharky	Shair	1	. hairt	sharm	Sharr	Shair	Can	SIN
26	Shaikh Muskan Mustafa	- Loon	GM	Ab	900	Sm	SAN	Span	Sim	Span	Am	SAM	C	Sam	D.	70
27	Shinde Pallavi Shankar	Ab	BS	Pre	多	Pres	Mb	6	155	AA	13	189	11	N	净	M
28	Sonawane Akshada Suresh	CHU	SI	CON	(Contr	(Nu	CM	Dr.	pow	OWE		Voy!	No (May	Com	1
29	Fatangare Nikita Ravindra	FM	TA	TA	TH	Ab	-fr	AM	AD	FN	110	T	TA	The	WAS -	Mi
:30	Mahale Arati Sanjay	MAR	1	MA		MR	100		MA	MA	IN	MA	TO CO	1	P. J.S	D V
31	Pandore Jyoti Sandip	RS	Ab	Pus	P.J.	Pys	P.10	PUS	Pilis	P:1.5	(A)	PIS	410	C.	63	8
32	Sonawane Sapana Kailas	94.	98	4	4	Ab	4	11-10	*	X	X	3	X	*	3	-

Ms. P. K. Gakkhad

Co-ordinator, Certificate Course



Mr. Y. S. Chaudhari

Head, Department of Microbiology

Department of Microbiology
K. J. Somaiya College, Kopargaon





K. J. Somaiya College of Arts, Commerce and Science

Mohanirajnagar, Kopargaon, Dist. Ahmednagar 423601, (Maharashtra) India

Affiliated to Savitribai Phule Pune University, Pune. (ID No. PU/AN/ASC/07(1964))

Department of Microbiology

Certificate course in Health and Environment Awareness (2022-2023)

Attendance sheet for lectures

Ť.		1 6	a sale	20 E		200			Date							
r. lo.	Name of Students	21/0	23/01	28/01	30/01	4/02	6/02	11/02	13/02/4/0	3 6	03	11/03	13/03	18/03	20/03	2/07
1	Abhale Vishakha Keshav	AD.	(A	AD.	OF	40	JA.	Ab.	OA C	LA	VA.	(VA.	A	(VA.	WAS	Ab
2	Achari Ishvari Vikas	Ab	Kerwa	155	Ship	1500	15 char	Shar	GAN A	3	al	(6)	A b	190	0	COL
3	Aher Snehal Ashok	GA	64	G	9	Ab	SA	J. J.	CAS (C		-idh	A WAY	Sky	Ab	waid?	Down
4	Anarthe Vaidehi Amaram	thora	AŁ	Frais	Proio	11/	proion	1	100	- 14	100	AL.	The same	V6-	Too	Tia
.5	Bhalerao Trupti Pi mod	7	0 100	· A D	TRA	LOU	inb.	190	MA	R-	10	- AB	1	160	10	18
6	Borade Rahul Aru	100	1 153	B	Sa	18	8	//	10	13	1		1000	130	6000	115
7	Chavan Puja Nana aheb	205	0	600	16003	6030	6007	1000	60000	7	800	1	100	Sec. N		1
8	Chavhan Gayatri Smnath	6	(3)	. 6	Ab	(3.	13.	(5.	Q. (3	h	5.	h	05	V.	Ab
9	Dahe Yogesh Ani	1/2	P	T	13	1/2	B	S	200	\$\frac{1}{2}	T	1	O.	1	7	D
10	Dube Pratiksha V hal	Ab	, Soo	· A	1 A	J. OP	- W	Hb Wb	4.	4	The same	R	AP 1	200	ST IN	8
	Gaikwad Sakshi S ndip	(304)	Cur	Cook	d Csak	Code	CROSS	300	Cook	() ()	VAN	LAVOXO	Very	1 L	Cons	200
12	Gaikwad Sakshi Sarad	COXEY	Cola	COXIV	Gar	Sur	100	100	GORDA C	2	Cont	2000	Gera	Con	9700	9
13	Gawali Priya Ray	(JPN	71	Chor	P	100				Pry	AL	Shug			DAL	8
14	Godage Shubham autam	Shu	g) Shu	9 Shig	Shug	Shug	APP	Shu	1 (5	nuan	1 10	Sing	SIM	131107		160

Sr.	N 60 1 1	Date
No.	Name of Students	2/61 23/01/28/01/30/01/4/2 6/2 11/2 13/2 4/3 6/3 11/3 15 18/3 20/3 25
15	Gorade Sanket Ashok	Con Conv Some Can Conv Sonte Conv Sonte Sono Sono Conv Con vi Sono A
16	Kakale Nalanda Sunil	Naket
17	Kalwaghe Sejal Sudhir	Ab & & Ab & & & & & & & & & & & & & & &
18	Kharat Aniket Sanjay	typoster yrotherway your what what what what when Ab whare Al what y
19	Londhe Rohit Madhukar	DOND LONG COM ROW ROWING WITH PONTY
20	Mali Avantika Anand	An A
21	Manjare Saish Sunil	The first sen
22	Navale Rutuja Prakash	THE THE THE NE THE THE AB THE THE THE
23	Pasalkar Swapnil Balasaheb	Ab A
24	Patil Sakshi Vivek	port Death cother outs parts during outs part parts and
25	Shaikh Ayesha Wasim	Ab rail rail fail frail frail frail frail frail frail frail frail frail
26	Shaikh Muskan Mustafa	Som Gon Gran Ab Som Gun Gun Son Som Som Som Som Som Som Som
27	Shinde Pallavi Shankar	B B B B B B B B B
28	Sonawane Akshada Suresh	out our
29	Fatangare Nikita Ravindra	THE
30	Mahale Arati Sanjay	MA MA MB MA AS MA AS MA MA MA MA MA MA MA
31	Pandore Jyoti Sandip	P.1.5 P.18 P.1.5
32	Sonawane Sapana Kailas	8 Ab 9 9 9 9 9 9 9 Ab 9 Ab 5 Ab 3

Ms. P. K. Gakkhad

Co-ordinator, Certificate Course



Mr. Y. S. Chaudhari

Head, Department of Microbio ogy

Head

Department of Microbiology

K. J. Somaiya College, Kopargaon



K.J. SOMAIYA COLLEGE OF ARTS, COMMERCE AND SCIENCE, KOPARGAON

FACULTY OF SCIENCE,

Department of Microbiology

Certificate Course in Health and Environment Awareness: 2022-23

Date: 03/04/2023

NOTICE

All S.Y. B.Sc. Microbiology students are here by informed that you're Exam for Certificate Course in Health and Environment Awarenesswill be held on 08/04/2023 at 10.30 a.m-11.30 a.m in regular class rooms.

Head
Department of Microbiology

K. J. Somaiya College, Kopargaon

ORDINGON A KOPARCH

Principal

K.J.Somaiya College of Arts Commerce & Science, Kopargar



- lesteriff

Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce and Science, Kopargaon DEPARTMENT OF MICROBIOLOGY

Certificate Course in Health and Environment Awareness Examination (2022-23)

-			Attendance	Date: - 8/4/202
Î	Sr. No.	Roll No.	Name of Students	Signature
	1.	11	Abhale Vishakha Keshav	Que
	2.	71	Achari Ishvari Vikas	Addi
9	3.	37	Aher Snehal Ashok	snehou
	x=4. 21		Anarthe Vaidehi Atmaram	- Transfer to chemists
5. 155		155	Bhalerao Trupti Pramod	Shaler
	6.	161	Borade Rahul Arun	Pared.
	7.	170	Chavan Puja Nanasaheb	1 chavan.p
	8.	94	Chavhan Gayatri Somnath	Acharher
	9.	165	Dahe Yogesh Anil	Ester.
	10.	148	Dube Pratiksha Vitthal	Duragin
	11.	25	Fatangare Nikita Ravindra	prices.
	12.	147	Gaikwad Sakshi Sandip	taikwa s
	13.	90	Gaikwad Sakshi Sharad	Baikwac .
	14.	145	Gawali Priyanka Narayan	(Reganti)
ge of Arts	15.	157 Smoot X	Godage Shubham Gautam	Thurs :
e housings			Gorade Sanket Ashok	Dapartmendura
	17.	140	Kakale Nalanda Sunil	Okaraie
	18.	76	Kalwaghe Sejal Sudhir	Halyh
	19.	162	Kharat Aniket Sanjay	Towal
	20.	169	Londhe Rohit Madhukar	enlande.

21.	28	Mahale Arati Sanjay	amahale
22.	111	Mali Avantika Anand	Mali
23.	158	Manjare Saish Sunil	Lai DD
≈ 24.	22	Navale Rutuja Prakash	Tempor In
25.	142	Pandore Jyoti Sandip	pandores's
26.	160	Pasalkar Swapnil Balasaheb	Loralkas
27.	137	Patil Sakshi Vivek	800111
28.	73	Shaikh Ayesha Wasim	Ayerest to:
29.	91	Shaikh Muskan Mustafa	Shaikle c
30.	27	Shete Payal Sharad	SHEPS
31.	92	Shinde Pallavi Shankar	60.1
32.	72	Sonawane Akshada Suresh	- tomores
33.	12	Sonawane Sapana Kailas	CNO
34.	141	Wani Janki Rajendra	Janka"

Mr. Y. S. Chaudhari

8/4/2023

Head Repartment of Microbiology

Head

Department of Higrobiology
K. J. Somalya Carago, Maringaon

Layett.

K.J.Somaiya College of Arts
Commerce & Science, Kopargagn



K. J. Somaiya College of Arts, Commerce and Science, Kopargaon

(4 2	ALC: A	RTMENT OF MIC	
		h and Environment	Awareness Examination (2022-23)
Name of Studen	t:		+
Roll no.:	12		
Class: S.Y-B	.Sc .		
1) Where was	the 2002 world s	ummit on sustainabl	e development held?
a. Dublin	b. Doha	c. Johannesburg	d. Rio de Janeiro
2) Which of the a. tar	following is an b. coal	fossil fuel? c. petroleum	d. all of the above
3) When was 1 a. 2011	NamamiGange P b. 2012	Project launched? c. 2013	d. 2014
4) The Germa a. 1980	n Green Party co b. 1970	ontested their first na c. 1972	tional election in d. 1960
5) which of the a. smoke	following is not b. carbon diox	an air pollutant kide c. nitrogen gas	d. sulphur dioxide
 Ganga Act In 1986 	ion Plan (G.A.P b. In 1988) was launched in c. In 1990	d. In 1983
7) Basal convera. Transboundac. Ozone layer	ntion is related to ary movements of depletion	o: of hazardous wastes	b. Migrator animalsd. Persistent organic pollutants
8) World Wate a. March 12	r Day celebrated b. March 22	l on? c. March 25	d. March 30
a. cooling of ea		of UV rays c. Wari	ming of Earth d. all of the above
10) when did a. 1980s	Green Politics st b. 1970s	c. 1960	d. 1990s
11) Health is n	ot merely the ab	osence of and	

c. both a and b

d. none of the above

b. Infirmity

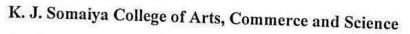
a. disease

12) In which ye a. 1962	ar, U.N conferen b. 1972			nent was held. 1992	ld at Stockholm
13) Is a	n area that acts a	s a bounda	rv or a frans	ition hetwe	en two ecosystems.
a. Ecotone	b. Ecosphere	c. Eco tv		d. Eco bou	
14) Which is the compulsory to a	e first state in Inc all the across the	lia to make state is	roof top Ra	in Water H	arvesting structure
a. Tamil Nadu	b. Karnataka	c. Kerala	ı	d. none of	these
a. understanding b. understanding	ntal studies aims g local environme g global environr sitive attitude tov ve	ent/environ nent/envir	nmental issu onmental iss		
16) The Headqua. Geneva, Swit	narters of World larters of World larters	Health Org ice, Italy	ganisation (V c. Munich,	VHO) is loc Germany	ated in d. Paris, France
Minister on	•••				the Hon'ble Prime
a. 12 th April 200	05 b. 6 th May 2	009 (z. 9 th Decem	ber 2011	d. 15 th March 2020
18) Deforestationa. Rain fall	on generally decr b. Drought		c. Global wa	ırming	d. Soil erosion
a. Healthy food b. Healthy food	importance of he are an essential i will never let yo comes in natural	equiremer u lazy and	nt of our bod dull	•	nsume organic, raw food
•	ity is mainly cau ion b. Low rain			itation	d. Unequal access
21) Which one of a. Use of pestici	of the following of the	cause harn farming o	n to human h	nealth? ar vehicles	d. protecting forests
22) One should a. Junk food	avoid thef	ood which	could not be both a and	e healthy ar b	nd can cause side effects d. Pulses
a. Washing hand b. Washing hand infections	he health talk say ds is not good for ds can keep you? yes, nose and mo t food and drinks	r your heal healthy an	th d prevent the	e spread of	respiratory and diarrheal

24) Desertification of a. Deforestation	of Cauvery is cause b. Urbanization	d by c. Raising agriculture a	and industry d. all of the above
25) When should I va. After arrivingc. Before making or	r eating food	b. After coughing or l d. All of the above	
26)ml of t	olood is taken out fi	rom the person during	blood donation, according to her
weight a. 300-350 ml	b. 350-400 ml	c. 350-450 ml	d. 300-500 ml
27)What are benefi a. Helping people i c. Battling blood d	njured in accidents	d? b. Undergo d. All of th	oing cancer treatment se above
28) One can maint a. Yogasanas	b. Pranayama's	c. Meditation	d. all of the above
29) Europe and US a. Moderate	SA hasmed b. Great	dical facilities, research c. Poor	h and proper infrastructure d. Worst
30) Process of bur a. Composting	ning of Non-bioder b. Incinerations	gradable solid waste is c. Segregation	called d. Sanitary land filling
31) The scope of l a. Mitigation	nealth awareness in b. Promoting heal	cludes,preventio th c. to prevent the	n and treatment pandemic d. all of the above
32) The Chipko n a. Harridwar	novement was origi b. Dehradun	nated indistric c. Champawat	ct of Uttarakhand d. Chamoli
33) Earth's surfac a. 70%	te is covered with notes b. 74%	earlyof water c. 72%	d. 73%
34) Disposal of a a. Waste	ny kind of electrica b. Domestic was	al and electronic waste ste c. Vegetable was	is called ste d. E-waste
Improved heal	efits of exercising? th, stronger muscle ity of life, better so	s o. Detter no	exibility, Better appetite e above
a. Gardens	b. Wells	harvesting is recharge c. Cannels	d. Groundwater table
37) is a sp	ecialized agency of	f the United Nations re	esponsible for international public
health. a. WHO	b. FSSAI	c. ROI	d. IFSI

38) Biogas is o a. Vermi gas	therwise called as b. Methane	c. Gobar gas	d. Global gas						
39) India has a. Moderate	medical facilities, in the b. Great	research and proper c. Poor	infrastructure d. Good						
40) The apex b	oody governing the me b. World Health C	edical healthcare serv Organisation c. INT	vices across the world is TERPOL d. World trade organisation						
41) Removal of a. Aeration	of microorganisms from b. Pre-screening	-	is by d. Sludge removal						
	refers to unheal d b. Foul food								
43) One can do a. 1	onate her blood after b. 2	months of previo	ous blood donation d. 4						
44)is a. Air	an elixir of life b. Water	c. Food	d. all of the above						
45) Healthful activities includesa. Stressb. High risk behaviour c. Adequate sleep d. Smoking									
, -	to World Health Orga alth b. Mental health								
47) Soil erosiona. Deforestation	on is caused by on b. Farming and	Mining c. Overg	razing by cattle d. All of the above						
48) Prevention of disease, prompting healthcare and improving medical care comes under									
a. Health pred 49) Van Moho		-	ion of trees should be curtailed						
c. Restoration	of green cover	d. all of the	e above						
disease?	hing for a period of at b. 30	c. 20	is necessary to prevent the spread of d. 50						
a. 10	0. 50	J. 20							







Mohanirajnagar, Kopargaon, Dist. Ahmednagar 423601, (Maharashtra) India Affiliated to Savitribai Phule Pune University, Pune. (ID No. PU/AN/ASC/07(1964)) Department of Microbiology

Grading System for Certificate Course Health and Environment Awareness 2022-23

Marks (50)	Grade	Remarks
46-50	A+	Excellent
41-45	A	Very Good
36-40	B+	Good
31-35	В	Average
26-30	C+	Pass
21-25	С	Poor
15-20	D	Very Poor

D

Head

Dept of Microbiology
Field
Department of Microbiology
K. J. Somaiya College, Kopargaon



Principal
Principal
K.J.Somaiya College of Arts
Commerce & Science, Kopargac

A STATISTICAL OF THE PROPERTY OF THE PROPERTY

Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce and Science



Mohanirajnagar, Kopargaon, Dist. Ahmednagar 423601, (Maharashtra) India

Affiliated to Savitribai Phule Pune University, Pune. (ID No. PU/AN/ASC/07(1964))

Department of Microbiology (2022-23)

Date:12/04/2023

RESULT

Examination in Certificate Course in Health and Environmental Awareness

Sr. No	- Student	
1	Abhale Vishakha Keshav	Grade
2 +	Sonawane Sapana Kailas	A+
trins-Born	Anarthe Vaidehi Atmaram	В
in and	Navale Rutuja Prakash	A CONTRACTOR OF THE PARTY OF TH
5	Fatangare Nikita Ravindra	A
6	Shete Payal Sharad	В
7	Mahale Aarti Sanjay	B+
8	Aher Snehal Ashok	A+
9	Achari Ishwari Vikas	A
10	Sonawane Akshada Suresh	В
11	Shaikh Ayesha Wasim	B+
12	Kalwaghe Sejal Sudhir	A+
13	Gaikwad Sakshi Sharad	B+
14	Shaikh Muskan Mustafa	B+
15	Shinde Pallavi Shankar	В
16	Chavan Gayatri Somnath	A
17	Mali Avantika Ananad	A+
18	Patil Sakshi Vivek	A
19	Kakale Nalanda Sunil	A
20	Wani Janaki Rajendra	A
21	Pandore Jyoti Sandip	A+
22	Gawali Priyanka Narayan	В
23	Gaikwad Sakshi Sandip	B+
24	Dube Pratiksha Vitthal	B+
25	Bhalerao Trupti Pramod	A
26	Ghodage Shubham Gautam	B+
27	Manjare Saish Sunil	A
28	Gorade Sanket Ashok	A+
29	Pasalkar Swapnil Balasaheb	A+
30	Gorade Rahul Arun	B+
70	Gorade Kanui Arun	В

31 32	Khrat Aniket Sanjay Dahe Yogesh Anil	A+
33	Londhe Rohit Madhukar	В
34	Chavhan Puja Nanansaheb	B+
	J. Franchisaneo	B+

Ms. P. K. Gakkhad

Coordinator, Certificate Course

Mr. Y. S. Chaudhari

Head, Department of Microbiology

Department of Microbiology

(K. J. Somaly: Chicago Sirgaon









K.J. Somaiya College of Arts, Commerce and Science, Kopargaon

(Affiliated to Savitribai Phule Pune University, Pune)

NAAC Re-accredited with "A" Grade An ISO 9001:2015 Certified Institute

Best College Award by S. J. June University

Mohanirajnagar, Kopargaon, Qist. Ahmednagar - 423 601. (Maharashtra) India.

S Certificate &

. /		
This is to certify that I	Mr./Ms./Mrs.	
from the class	has successfully com	pleted the certificate
course entitled		
course entitled	<i>f</i>	
		run by
		1 11 1
the Department of		conducted between
/20 &	/ /20 . He /8he has been awa	rded with
grade.		
		1200
		100
Coordinator	Certificate Course Chairman	Principal







