

GOVERNMENT SCIENCE COLLEGE,

19-20

Class: _____

Semester: _____

Division: _____

Batch No: _____

Roll No.	Name of the Student	Group/ Subject	Date of Practicals taken											
			22/07/09	23/07/09	24/07/09	25/07/09	26/07/09	27/07/09	29/07/09	30/07/09	31/07/09	01/08/09	02/08/09	03/08/09
			1	2	3	4	5	6	7	8	9	10	11	12
41	patil Aparna N.		Prk	Prk	Prk	Prk	Prk	Prk	Prk	Prk	Prk	Prk	Prk	Prk
42	patel Dishu R.		Prk	Prk	Prk	Prk	Prk	Prk	Prk	Prk	Prk	Prk	Prk	Prk
43	patel Roshini K.		Prk	Prk	Prk	Prk	Prk	Prk	Prk	Prk	Prk	Prk	Prk	Prk
44	Vasava Anjali D.		A	A	A	A	A	A	A	A	A	A	A	A
45	Vasava Bharti K.		B.G.V	B.G.V	B.G.V	B.G.V	B.G.V	B.G.V	B.G.V	B.G.V	B.G.V	B.G.V	B.G.V	B.G.V
46	Vasava Dipesh S.		D	D	D	D	D	D	D	D	D	D	D	D
47	Vasava Divya P.		Prk	Prk	Prk	Prk	Prk	Prk	Prk	Prk	Prk	Prk	Prk	Prk
48	Vasava Keeruna J.		K	K	K	K	K	K	K	K	K	K	K	K
49	Vasava Keeruna K.		K	K	K	K	K	K	K	K	K	K	K	K
50	Vasava Kavita M.		K	K	K	K	K	K	K	K	K	K	K	K
51	Vasava Krupali T.		K.J.V	K.J.V	K.J.V	K.J.V	K.J.V	K.J.V	K.J.V	K.J.V	K.J.V	K.J.V	K.J.V	K.J.V
52	Vasava Nimesh K.		N	N	N	N	N	N	N	N	N	N	N	N
53	Vasava Pratikash T.		P	P	P	P	P	P	P	P	P	P	P	P
54	Vasava Pratiksha R.		P	P	P	P	P	P	P	P	P	P	P	P
55	Vasava Pruthvika A.		P	P	P	P	P	P	P	P	P	P	P	P
56	Vasava Sejal A.		P	P	P	P	P	P	P	P	P	P	P	P
57	Vasava Sneha M.		P	P	P	P	P	P	P	P	P	P	P	P
58	Vasava Snehanjali V.		P	P	P	P	P	P	P	P	P	P	P	P
59	Vasava Vandana R.		V.V	V.V	V.V	V.V	V.V	V.V	V.V	V.V	V.V	V.V	V.V	V.V
60	Vasava Vilash D.		V	V	V	V	V	V	V	V	V	V	V	V
61	Fanasiya Priyanshi A.		P	P	P	P	P	P	P	P	P	P	P	P
62	Bhuva Dhruvil M.		P	P	P	P	P	P	P	P	P	P	P	P
63	Chaudhari Arshi P.		A	A	A	A	A	A	A	A	A	A	A	A
64	Chaudhari Debshesh A.		A	A	A	A	A	A	A	A	A	A	A	A
65	Chaudhari Divyansh B.		A	A	A	A	A	A	A	A	A	A	A	A
66	Chaudhari Jinal H.		A	A	A	A	A	A	A	A	A	A	A	A
67	Chaudhari Khushbu V.		A	A	A	A	A	A	A	A	A	A	A	A
68	Chaudhari Khushbu N.		A	A	A	A	A	A	A	A	A	A	A	A
69	Chaudhari Krishna D.		A	A	A	A	A	A	A	A	A	A	A	A
70	Chaudhari Mahina K.		A	A	A	A	A	A	A	A	A	A	A	A
71	Chaudhari Meghika P.		A	A	A	A	A	A	A	A	A	A	A	A
72	Chaudhari Nisha K.		A	A	A	A	A	A	A	A	A	A	A	A
73	Chaudhari Nishu A.		A	A	A	A	A	A	A	A	A	A	A	A
74	Chaudhari Piyush V.		A	A	A	A	A	A	A	A	A	A	A	A
75	Chaudhari Radha R.		A	A	A	A	A	A	A	A	A	A	A	A
76	Chaudhari Rinkal F.		A	A	A	A	A	A	A	A	A	A	A	A
77	Chaudhari Rutvik S.		A	A	A	A	A	A	A	A	A	A	A	A
78	Chaudhari Rutvik B.		A	A	A	A	A	A	A	A	A	A	A	A
79	Chaudhari Saroni P.		A	A	A	A	A	A	A	A	A	A	A	A

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			1	2	3	4	5	6	7	8	9	10	11	12
80	Chaudhari Sneha V.		SV	SV	SV	SV	SV		SV	SV	SV	SV	SV	SV
81	Chaudhari Sonal M.		Gme	Gme	Gme	Gme	Gme	Gme	Gme	Gme		Gme	Gme	Gme
82	Chaudhari Sumita A.		Gme	Gme	Gme	Gme	Gme	Gme				Gme	Gme	Gme
83	Chaudhari Vaibhav R.		Whe	Whe	Whe	Whe	Whe	Whe	Whe			Whe	Whe	Whe
84	Chaudhari Khushikam.		Ckm	Ckm	Ckm	Ckm	Ckm	Ckm	Ckm	Ckm	Ckm	Ckm	Ckm	Ckm
85	Gamit Apexa N.		Apex	Apex	Apex	Apex	Apex	Apex	Apex	Apex	Apex	Apex	Apex	Apex
86	Gamit Ashlesha B.		Gme	Gme	Gme	Gme	Gme	Gme	Gme	Gme	Gme	Gme	Gme	Gme
87	Gamit Asmita G.		G	G	G	G	G	G	G	G		G	G	G
88	Gamit Karam R.		K.R.G	K.R.G	K.R.G	K.R.G	K.R.G	K.R.G	K.R.G	K.R.G	K.R.G	K.R.G	K.R.G	K.R.G
89	Gamit Kshamta N.		K	K	K		K	K	K	K	K		K	K
90	Gamit Nilay S.		Gnilay	Gnilay	Gnilay	Gnilay	Gnilay	Gnilay	Gnilay	Gnilay	Gnilay	Gnilay	Gnilay	Gnilay
91	Gamit Priti N.		P	P	P	P	P	P	P	P	P	P	P	P
92	Gamit Sanjana D.		Sanjana	Sanjana	Sanjana	Sanjana	Sanjana	Sanjana	Sanjana	Sanjana	Sanjana	Sanjana	Sanjana	Sanjana
93	Gamit Shivangihee P.		S.P.G	S.P.G	S.P.G	S.P.G	S.P.G		S.P.G	S.P.G	S.P.G	S.P.G	S.P.G	S.P.G
94	Gamit Smit S.		Smit	Smit	Smit	Smit	Smit	Smit	Smit	Smit	Smit	Smit	Smit	Smit
95	Gamit Vaibhavi N.		Veibh	Veibh	Veibh	Veibh	Veibh	Veibh	Veibh	Veibh	Veibh	Veibh	Veibh	Veibh
96	Kokami Snehal L.		Ksl	Ksl	Ksl	Ksl	Ksl	Ksl	Ksl	Ksl	Ksl	Ksl	Ksl	Ksl
97	patel Hensi M.													
98	patel Nassim S.													
99	patel Nikita D.		NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
100	patel Rina N.													
101	Vasava Mayuri C													
102	Vasava Amit		ABV	ABV	ABV	ABV	ABV	ABV	ABV	ABV	ABV	ABV	ABV	ABV
103	Vasava Ashish A.		ABV	ABV	ABV	ABV	ABV	ABV	ABV	ABV	ABV	ABV	ABV	ABV
104	Vasava Avinash T.		ABV	ABV	ABV	ABV	ABV	ABV	ABV	ABV	ABV	ABV	ABV	ABV
105	Vasava Dhaval J.		ABV	ABV	ABV	ABV	ABV	ABV	ABV	ABV	ABV	ABV	ABV	ABV
106	Vasava Divyesh D.		ABV	ABV	ABV	ABV	ABV	ABV	ABV	ABV	ABV	ABV	ABV	ABV
107	Vasava Jyesh A.		ABV	ABV	ABV	ABV	ABV	ABV	ABV	ABV	ABV	ABV	ABV	ABV
108	Vasava Nikunjana R.		ABV	ABV	ABV	ABV	ABV	ABV	ABV	ABV	ABV	ABV	ABV	ABV
109	Vasava Rohit T.		RT	RT	RT	RT	RT	RT	RT	RT	RT	RT	RT	RT
110	Vasava Sunaina S.		Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun
111	Vasava Sugoni R.		Sug	Sug	Sug	Sug	Sug	Sug	Sug	Sug	Sug	Sug	Sug	Sug
112	Vasava Snehal R.		S	S	S	S	S	S	S	S	S	S	S	S
113	Vasava Sonal K.		Sona	Sona	Sona	Sona	Sona	Sona	Sona	Sona	Sona	Sona	Sona	Sona
114	Vasava Surendra C.		S	S	S	S	S	S	S	S	S	S	S	S
115	Vasava Tejpal J.													
116	Chaudhari Mohini J.		CmJ	CmJ	CmJ	CmJ	CmJ	CmJ	CmJ	CmJ	CmJ	CmJ	CmJ	CmJ
117	Vasava Ravina R.													
118	Vasava Pratikesh P.													
119	Chaudhari Khyati R.													

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120	Chaudhary Ankit N.		Am	Am	Am	Am	Am	Am	Am		Am	Am	Am	Am
121	Chaudhary Ankita R.		Am	Am	Am	Am	Am	Am	Am	Am	Am	Am	Am	Am
122	Chaudhary Arpit M.		Am	Am	Am	Am	Am	Am	Am	Am	Am	Am	Am	Am
123	Chaudhary Divya B.		Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea
124	Chaudhary Divya K.		Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea
125	Chaudhary Jainil D.		Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea
126	Chaudhary Lata D.		CLW	CLW	CLW	CLW	CLW	CLW	CLW	CLW	CLW	CLW	CLW	CLW
127	Chaudhary Malav D.		Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea
128	Chaudhary Mihal R.		Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea
129	Chaudhary Nehal G.		Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea
130	Chaudhary Neha M.		Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea
131	Chaudhary Nikhil C.		Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea
132	Chaudhary Nishali P.		Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea
133	Chaudhary Nishali S.		Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea
134	Chaudhary Parul D.		Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea
135	Chaudhary Praachi P.		Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea
136	Chaudhary Prityal R.		Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea
137	Chaudhary Sharda M.		Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea
138	Chaudhary Shivangi M.		Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea
139	Chaudhary Shivangi S.		Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea
140	Chaudhary Sumita T.		Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea
141	Chaudhary Sumita B.		Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea	Dea
142	Chaudhary Tarun H.		CHT	CHT	CHT	CHT	CHT	CHT	CHT	CHT	CHT	CHT	CHT	CHT
143	Chaudhary Vibhuti A.		Vibh	Vibh	Vibh	Vibh	Vibh	Vibh	Vibh	Vibh	Vibh	Vibh	Vibh	Vibh
144	Deshmukh Srueta R.		DS-R	DS-R	DS-R	DS-R	DS-R	DS-R	DS-R	DS-R	DS-R	DS-R	DS-R	DS-R
145	Gamit Prity F.		P	P	P	P	P	P	P	P	P	P	P	P
146	Gamit Subon S.		Subon	Subon	Subon	Subon	Subon	Subon	Subon	Subon	Subon	Subon	Subon	Subon
147	Patel Kausung R.		Patel	Patel	Patel	Patel	Patel	Patel	Patel	Patel	Patel	Patel	Patel	Patel
148	Patel Monali A.		Patel	Patel	Patel	Patel	Patel	Patel	Patel	Patel	Patel	Patel	Patel	Patel
149	Patel Monika G.		MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG
150	Rathod Devdattsinh J.		Rathod	Rathod	Rathod	Rathod	Rathod	Rathod	Rathod	Rathod	Rathod	Rathod	Rathod	Rathod
151	Vasava Anjali R.		As	As	As	As	As	As	As	As	As	As	As	As
152	Vasava Aarti A.		As	As	As	As	As	As	As	As	As	As	As	As
153	Vasava Divyesh M.		As	As	As	As	As	As	As	As	As	As	As	As
154	Vasava Jyisha N.		Jy	Jy	Jy	Jy	Jy	Jy	Jy	Jy	Jy	Jy	Jy	Jy
155	Vasava Jyotika H.		Jy	Jy	Jy	Jy	Jy	Jy	Jy	Jy	Jy	Jy	Jy	Jy
156	Vasava Kajal J.		Kajal	Kajal	Kajal	Kajal	Kajal	Kajal	Kajal	Kajal	Kajal	Kajal	Kajal	Kajal
157	Vasava Kushma P.		Ks	Ks	Ks	Ks	Ks	Ks	Ks	Ks	Ks	Ks	Ks	Ks
158	Vasava Nisha P.		Nisha	Nisha	Nisha	Nisha	Nisha	Nisha	Nisha	Nisha	Nisha	Nisha	Nisha	Nisha
159	Vasava Pragya H.		P	P	P	P	P	P	P	P	P	P	P	P

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Department of Botany |
Government Science College, Vankal
Ta. Mangrol, Dist. Surat
AISHE Code: C- 46595



Syllabus covered of Short Term Course

Basic Molecular Biology

Course code: STCBO02

Course title: Basic Molecular Biology

Course Duration: 30 Hours

Week 1: Introduction to Molecular Biology

Day 1-2 (1 hour each)

- **Topic:** Overview of Molecular Biology

Day 3-4 (1 hour each)

- **Topic:** Historical Milestones

Day 5 (2 hours)

- **Topic:** Central Dogma of Molecular Biology

Day 6-7

- **Review & Reflection (1 hour each)**
-

Week 2: Structure and Function of Macromolecules

Day 8-10 (2 hours each)

- **Topic:** Structure of DNA and RNA

Day 11-12 (1.5 hours each)

- **Topic:** DNA Replication

Day 13-14 (1 hour each)

- **Topic:** Structure and Function of Proteins
-

Week 3: Gene Expression and Regulation



Department of Botany |
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AISHE Code: C- 46595



Day 15-16 (2 hours each)

- **Topic:** Transcription and RNA Processing

Day 17-18 (2 hours each)

- **Topic:** Translation and Protein Synthesis

Day 19-20 (2 hours each)

- **Topic:** Regulation of Gene Expression

Week 4: Molecular Biology Techniques & Applications

Day 21-22 (2 hours each)

- **Topic:** Polymerase Chain Reaction (PCR)

Day 23-24 (1.5 hours each)

- **Topic:** Gel Electrophoresis

Day 25-26 (1.5 hours each)

- **Topic:** DNA Cloning and Sequencing

Day 27 (3 hours)

- **Topic:** Applications of Molecular Biology

Day 28-30

- **Review & Assessment (1 hour each)**



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Day 19-20 (2 hours each)

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Day 25-26 (1.5 hours each)

- **Topic:** DNA Cloning and Sequencing

Day 27 (3 hours)

- **Topic:** Applications of Molecular Biology

Day 28-30

- **Review & Assessment (1 hour each)**



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Government of Gujarat

GOVERNMENT SCIENCE COLLEGE, VANKAL

DEPARTMENT OF BOTANY



Sr. No. SCTBO02/2019-20/30

Date: 30/08/2019

This is to certify that Mr. / Ms. Chaudhari Vishal M has successfully completed **Short Term Certificate Course** of 30 hours on STCBO02: Basic Molecular Biology offered by Department of Botany from 22/07/2019 to 27/08/2019 and secured “A” grade during performance evaluation.

Principal

Course Coordinator

Head of the Department



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Government of Gujarat

GOVERNMENT SCIENCE COLLEGE, VANKAL

DEPARTMENT OF BOTANY



Sr. No. SCTBO02/2019-20/69

Date: 30/08/2019

This is to certify that Mr. / Ms. Chaudhari Krishna D has successfully completed **Short Term Certificate Course** of 30 hours on STCBO02: Basic Molecular Biology offered by Department of Botany from 22/07/2019 to 27/08/2019 and secured “A” grade during performance evaluation.

Principal

Course Coordinator

Head of the Department



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Government of Gujarat

GOVERNMENT SCIENCE COLLEGE, VANKAL

DEPARTMENT OF BOTANY



Sr. No. SCTBO02/2019-20/158

Date: 30/08/2019

This is to certify that Mr. / Ms. Vasava Nisha P has successfully completed **Short Term Certificate Course** of 30 hours on STCBO02: Basic Molecular Biology offered by Department of Botany from 22/07/2019 to 27/08/2019 and secured “A” grade during performance evaluation.

Principal

Course Coordinator

Head of the Department



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Government of Gujarat

GOVERNMENT SCIENCE COLLEGE, VANKAL

DEPARTMENT OF BOTANY



Sr. No. STCBO02/2019-20/164

Date: 28/08/2019

This is to certify that Mr. / Ms. Chaudhri Nalin G. has successfully completed Short Term Certificate Course on **STCBO02: Basic Molecular Biology** offered by Department of Botany from 22/07/2019 to 27/08/2019 and secured “A” grade during performance evaluation.

Principal

Course Coordinator

Head of the Department



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Government of Gujarat

GOVERNMENT SCIENCE COLLEGE, VANKAL

DEPARTMENT OF BOTANY



Sr. No. STCBO02/2019-20/164

Date: 28/08/2019

This is to certify that Mr. / Ms. Chaudhari Miral R. has successfully completed Short Term Certificate Course on **STCBO02: Basic Molecular Biology** offered by Department of Botany from 22/07/2019 to 27/08/2019 and secured “A” grade during performance evaluation.

Principal

Course Coordinator

Head of the Department

Student Name:

Date:

1. **Which of the following is considered the foundational concept of molecular biology?**
 - a) Evolution
 - b) The Central Dogma
 - c) Natural Selection
 - d) Genetic Drift
2. **Who is credited with the discovery of the double helix structure of DNA?**
 - a) Watson and Crick
 - b) Darwin and Wallace
 - c) Mendel
 - d) Hershey and Chase
3. **What does the Central Dogma of molecular biology describe?**
 - a) The transmission of genetic information from RNA to DNA
 - b) The flow of genetic information from DNA to RNA to protein
 - c) The replication of DNA
 - d) The transcription of RNA to DNA
4. **Which of the following historical milestones contributed to the understanding of DNA as the genetic material?**
 - a) Griffith's transformation experiment
 - b) Mendel's Laws of Inheritance
 - c) The Human Genome Project
 - d) Avery-MacLeod-McCarty experiment
5. **What is the significance of the Hershey-Chase experiment?**
 - a) It confirmed DNA as the genetic material
 - b) It proved proteins are the carriers of genetic information
 - c) It demonstrated the double helix structure of DNA
 - d) It showed how mutations occur in DNA
6. **What is the primary structure of a protein?**
 - a) The sequence of amino acids
 - b) The three-dimensional shape of the protein
 - c) The beta-sheet configuration
 - d) The interaction between different protein subunits
7. **Which enzyme is responsible for DNA replication?**
 - a) RNA polymerase
 - b) DNA polymerase
 - c) Ligase
 - d) Helicase
8. **What is the difference between DNA and RNA?**
 - a) DNA is single-stranded, RNA is double-stranded
 - b) RNA contains uracil instead of thymine
 - c) DNA contains ribose sugar, RNA contains deoxyribose sugar
 - d) DNA is found in the cytoplasm, RNA is found in the nucleus
9. **Which of the following best describes the structure of DNA?**
 - a) Single-stranded linear molecule
 - b) Double-stranded helix
 - c) Circular strand found only in prokaryotes
 - d) Triple helix structure
10. **What is the role of tRNA in protein synthesis?**
 - a) It carries amino acids to the ribosome
 - b) It transcribes DNA into RNA
 - c) It provides the genetic code for protein synthesis
 - d) It catalyzes the peptide bond formation
11. **During transcription, which of the following is synthesized?**
 - a) DNA
 - b) RNA
 - c) Proteins
 - d) Lipids
12. **What is the function of RNA polymerase?**
 - a) Synthesizes DNA
 - b) Synthesizes RNA from a DNA template
 - c) Synthesizes proteins
 - d) Splices introns from mRNA

13. **What is the role of a promoter in gene expression?**
- a) It terminates transcription
 - b) It initiates transcription
 - c) It binds amino acids
 - d) It translates mRNA into protein
14. **Which process involves the removal of introns from pre-mRNA?**
- a) Translation
 - b) Splicing
 - c) Replication
 - d) Transcription
15. **What is the function of a ribosome during translation?**
- a) To transcribe DNA into mRNA
 - b) To replicate DNA
 - c) To synthesize proteins by linking amino acids
 - d) To process and modify mRNA
16. **What is the main purpose of Polymerase Chain Reaction (PCR)?**
- a) To separate DNA fragments by size
 - b) To amplify specific DNA sequences
 - c) To sequence DNA molecules
 - d) To edit DNA sequences
17. **Which component is NOT necessary for a PCR reaction?**
- a) DNA template
 - b) RNA polymerase
 - c) Primers
 - d) DNA polymerase
18. **During gel electrophoresis, DNA fragments are separated based on what property?**
- a) Sequence
 - b) Charge
 - c) Length
 - d) Temperature
19. **Which enzyme is crucial for DNA cloning?**
- a) DNA ligase
 - b) RNA polymerase
 - c) Reverse transcriptase
 - d) Topoisomerase
20. **Sanger sequencing primarily relies on the incorporation of what kind of nucleotide?**
- a) Deoxynucleotides
 - b) Dideoxynucleotides
 - c) Ribonucleotides
 - d) Pyrophosphates
21. **Which of the following is a primary application of molecular biology in medicine?**
- a) Increasing agricultural yield
 - b) Gene therapy for treating genetic disorders
 - c) Developing new types of plastic
 - d) Creating renewable energy sources
22. **Which technique is most commonly used in biotechnology for amplifying DNA sequences?**
- a) Gel electrophoresis
 - b) Western blotting
 - c) PCR (Polymerase Chain Reaction)
 - d) ELISA
23. **Which of the following is an example of genetic engineering?**
- a) Using CRISPR to modify the DNA of crops
 - b) Measuring blood glucose levels
 - c) Performing an X-ray
 - d) Administering antibiotics
24. **What is a significant ethical consideration in the future of molecular biology?**
- a) The development of more efficient fertilizers
 - b) The potential for creating designer babies through genetic editing
 - c) The use of molecular biology in animal breeding
 - d) The automation of laboratory techniques
25. **Which of the following future trends is expected to have a major impact on molecular biology?**
- a) The decline of biotechnology industries
 - b) The rise of personalized medicine through genomics
 - c) The obsolescence of PCR techniques
 - d) The elimination of ethical considerations in research

Government Science College

OMR ANSWER SHEET

EXAMINATION : Short term course
 SUBJECT : Basic molecular biology
 EXAM CENTER : Government science college, Vankal
 DATE : / /

Name: Chaudhari Nalin G.

48

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Q. ANSWER	Q. ANSWER	Q. ANSWER	Q. ANSWER	Q. ANSWER
1 (A) ● (C) (D)	11 (A) ● (C) (D)	21 (A) ● (C) (D)	31 (A) (B) (C) (D)	41 (A) (B) (C) (D)
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4 (A) (B) (C) ●	14 (A) (B) (C) ●	24 (A) ● (C) (D)	34 (A) (B) (C) (D)	44 (A) (B) (C) (D)
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OMR ANSWER SHEET

EXAMINATION : Short term course
 SUBJECT : Basic Molecular biology
 EXAM CENTER : Government science college, Vankar
 DATE : / /

Name :- chaudhary vishal M.

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Q. ANSWER	Q. ANSWER	Q. ANSWER	Q. ANSWER	Q. ANSWER
1 (A) ● (C) (D)	11 (A) ● (C) (D)	21 (A) ● (C) (D)	31 (A) (B) (C) (D)	41 (A) (B) (C) (D)
2 ● (B) (C) (D)	12 (A) ● (C) (D)	22 (A) (B) ● (D)	32 (A) (B) (C) (D)	42 (A) (B) (C) (D)
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OMR ANSWER SHEET

EXAMINATION: short term course

SUBJECT: Basic molecular biology

EXAM CENTER: Government Science College, Vankad

DATE: / /

Name: Chaudhary Krishana D.

44
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Q. ANSWER	Q. ANSWER	Q. ANSWER	Q. ANSWER	Q. ANSWER
1 (A) ● (C) (D)	11 (A) ● (C) (D)	21 (A) ● (C) (D)	31 (A) (B) (C) (D)	41 (A) (B) (C) (D)
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OMR ANSWER SHEET

EXAMINATION: short term course

SUBJECT: Basic molecular Biology

EXAM CENTER: Government science college, yanikal

DATE: / /

Name :- vasave nisha p.

42
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Q. ANSWER	Q. ANSWER	Q. ANSWER	Q. ANSWER	Q. ANSWER
1 (A) ● (C) (D)	11 ● (B) (C) (D)	21 (A) ● (C) (D)	31 (A) (B) (C) (D)	41 (A) (B) (C) (D)
2 ● (B) (C) (D)	12 (A) ● (C) (D)	22 (A) (B) ● (D)	32 (A) (B) (C) (D)	42 (A) (B) (C) (D)
3 (A) ● (C) (D)	13 (A) ● (C) (D)	23 ● (B) (C) (D)	33 (A) (B) (C) (D)	43 (A) (B) (C) (D)
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EXAMINATION: short-term course
 SUBJECT: Basic molecular biology
 EXAM CENTER: Government science college, vankad
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Chaudhari Mital R.

42

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Q. ANSWER	Q. ANSWER	Q. ANSWER	Q. ANSWER	Q. ANSWER
1 (A) ● (C) (D)	11 (A) ● (C) (D)	21 (A) ● (C) (D)	31 (A) (B) (C) (D)	41 (A) (B) (C) (D)
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4 (A) (B) (C) ● (D)	14 (C) ● (C) (D)	24 (A) ● (C) (D)	34 (A) (B) (C) (D)	44 (A) (B) (C) (D)
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