



ShikshanPrasarakMandal, Anadur's

**Jawahar Arts, Science & Commerce
College,
Anadur, Tq. Tuljapur, Dist. Osmanabad -
413603**

DEPARTMENT OF PHYSICS

Under the continuous Internal Evaluation
(CIE)

REPORT

Academic Year –2018 -19

Submitted

To

Principal

Jawahar Arts, Science & Commerce College,
Anadur, Tq. Tuljapur, Dist. Osmanabad -413603



**ShikshanPrasarakMandal, Anadur's
Jawahar Arts, Science & Commerce
College,
Anadur, Tq. Tuljapur, Dist. Osmanabad -413603**

DEPARTMENT OF PHYSICS

Academic Year -2018 -19

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2	Time-Table
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4	Present-Absent Report
5	Result
6	Exam Report

Head


Principal
Principal

Jawahar Arts, Science & Commerce College
Anadur, Tal. Tuljapur, Dist. Osmanabad.

दुरितांचे तिमिर जावो !

Shikshan Prasarak Mandal's Anadur

JAWAHAR ART'S, SCIENCE & COMMERCE COLLEGE, ANADUR

Tq. Tuljapur, Dist. Osmanabad-413 603

NAAC GRADE - B++(CUPA 2.81)

President :-

Shri. B.F.Kasture

Secretary :- Shri. S.N. Alure Guruj

Principal :- Dr.Smt. M.B. Jadhav(Mob.9960242667)

☎ :- (02471) 246037, 246737

दि.

१४.०९.२०१८

सूचना

बी.ए./बी.एस्सी./बी.कॉम. (I,II,III) वर्षातील सर्व विद्यार्थ्यांना सूचित करण्यात येते की, अंतर्गत मूल्यमापन कार्यक्रम (२०१८-२०१९) नुसार प्रथम घटक चाचणी दि.१८ व १९ सप्टेंबर २०१८ रोजी घेण्यात येणार आहे. सदर घटक चाचणीचे वेळापत्रक सूचना फलकावर लावण्यात येईल याची सर्वांनी नोंद घ्यावी.

Co-Ordinator

चेअरमन
Internal Evaluation Cell

Jawahar Arts, Science & Commerce College,
Anadur, Tq.- Tuljapur, Dist.- Osmanabad.

PRINCIPAL

Jawahar Arts, Science & Commerce
College, Anadur
Tal. Tuljapur, Dist. Osmanabad.

**JAWAHAR ART'S, SCIENCE & COMMERCE COLLEGE ANADUR
TA- TULIAPUR, DIST-OSMANABAD UNIT TEST-FIRST (2018-2019)**

Date & Day	Faculty of Arts			Faculty of Science			Faculty of Commerce		
	B.A. I	B.A. II	B.A. III	B.Sc. I	B.Sc. II	B.Sc. III	B.Com. I	B.Com. II	B.Com. III
18/09/2018 Tuesday	10.00-10.40am	Eng.Com (18)	S.L. M/H/S (06/05/07)	Eng.Com (04)	S.L. M/H/S (06/05/07)	-----	-----	S.L. M/H/S (06/05/07)	-----
	10.50-11.30am	S.L. M/H/S (06/05/04)	Eng.Com (18)	Main M/H/S/E- XI (09) His/ Eco XI/Geo XIII/Pol/Soci XI-(10)	S.L. M/H/S (06/05/04)	Eng.Com (07)	-----	S.L. M/H/S (06/05/04)	-----
	11.40-12.20pm	-----	Opt M/S/H/E V/V/III/III (11/12/8/17)	-----	-----	Che-VII (18)	Phy/Zoo XV (04)	Cos.A/C (07)	-----
	12.30-1.10pm	Opt M/H/S/E-I (06/05/15/13)	Opt M/S/H/E V/V/IV/IV (14/12/8/17)	Opt M/S/H/E IX/IX/V/V (16)	Che-I (07)	CheVIII (18)	Phy/Zoo XVI (04)	B.M.S. (09)	Cost. Acc (11)
	1.20-2.00pm	Opt M/H/S/E-II (06/05/15/13)	Eco/Geo V/VI (8/17)	Opt M/S/H/E X/X/VI/VI (16)	Che-II (07)	Phy/Zoo VII (04)	Maths/Bot 501/XV (12/16)	-----	A.F. A/c (11)
	10.00-10.40am	Eco/Geo-I (06/05/08)	His/Eco/Geo VI/VII (15/17)	Eco/Geo IX/XI (14/15)	Phy/Zoo I (07/04)	Phy/Zoo VIII (07/04)	Maths/Bot 502/XVI (12/16)	B.Env. (09)	Audit (11)
19/09/2018 Wednesday	10.50-11.30am	Eco/Geo II (06/05/08)	Pol.Sci/Soci/Hist V (06/15/17)	Eco/Geo X/XII (14/15)	Phy/Zoo II (07/04)	Maths/Bot 301/IX (07/04)	B.Eco. (09)	B.R.F. (10)	M. Acc (11)
	11.40-12.20pm	Pol.Sci/Soci/Hist I (05/08)	Pol.Sci/Soci/Hist VI (10/05/08)	Pol.Sci/Soci/Hist IX (10/05/08)	Maths/Bot 101/II(4/6)	Maths/Bot 302/X(9/16)	Eng.Com (18)	-----	InDirect Tax(11)
	12.30-1.10pm	Pol./Soci/Hist II(05/08)	-----	Pol.Sci/Soci X(05/08/10)	Maths/Bot 102/II(4/6)	Maths 303(09)	Che- XIV(07)	Eng. Com(18)	Bankin(11)

Note: - Bracketed figure indicates the Hall Number.

Ray

Co-Ordinator

Internal Evaluation Cell
Jawahar Arts, Science & Commerce College,
Anadur, Tq- Tuljapur, Dist.- Osmanabad.

[Signature]
PRINCIPAL

Jawahar Arts, Science & Commerce
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**ShikshanPrasarakMandal, Anadur's
Jawahar Arts, Science & Commerce
College,
Anadur, Tq. Tuljapur, Dist. Osmanabad -413603**

DEPARTMENT OF PHYSICS

Under the continuous Internal Evaluation (CIE)

Internal Unit Test No. 1 (First Term)


Academic Year -2018 -19

NOTICE

All the students of B.Sc. I, II and III year Physics are hereby to inform that, the time-table for the Semester I/III/V - Internal Unit Test 1 is scheduled as displayed in the table below. Students should appear for the exams accordingly.

Internal Unit Test Exam : Time-Table

Sr. No.	Day and Date	Class	Time	Paper No
1	18/09/2018	B.Sc. III	11.40-12.20	XV
2	18/09/2018	B.Sc. III	12.30-1.10	XVI
3	18/09/2018	B.Sc. II	1.20-2.00	VII
4	19/09/2018	B.Sc. I/B.Sc.II	10.00-10.40	I/ VIII
5	19/09/2018	B.Sc. I	10.50-11.30	II


Head of Department
Department of Physics
Jawahar Arts Science & Commerce College
Anadur, Dist. Osmanabad - 413 603.


Principal
Jawahar Arts, Science & Commerce College
Anadur, Tal. Tuljapur, Dist. Osmanabad.



Shikshan Prasarak Mansal's
Jawahar Arts, Science and Commerce College Anadur

Ta- Tuljapur Dist- Osmanabad 413603

Unit Examination Oct-2018

Class- B.Sc. I Year Subject- Physics

Paper No- I

Date-

Name Of Paper- Mechanics & Properties of Matter

Time-1.00 Hours

Marks- 10

Q1 Derive an expression for the gravitational potential and field due to a solid

sphere of mass M and radius R at a point inside it.

10

OR

Q.1 a) If $G = 6.67 \times 10^{-11} \text{ N.m}^2/\text{kg}^2$, what is the force between two small


spheres of mass 2 kg each, placed at a distance of 30 cm from each other.

b) A sphere of mass 10kg is attracted by second sphere of mass 7 kg when

the centers are 20 cm apart, with a force equal to the weight of $\frac{1}{2} \text{ mg}$.

Calculate the constant of Gravitation. ($g = 980 \text{ cm/sec}^2$).

10


Head
Department of Physics
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Anadur, Taluka- Tuljapur, Dist- Osmanabad.

NAAC- GRADE: B** CGPA: 2.81

Department of Physics

Faculty of Science and Technology

Question for Tutorial

B.Sc.- First Year

Semester- I

Subject- **Physics**

Paper Number- I

Paper Name- **Mechanics & Properties of Matter**

Marks -10

Time- One hour

Date- / /2018

Name of teacher- Dr. S.V. Rajmane (M.Sc. Ph. D.)

Q.1 Give the theory with experimental details for the determination of


acceleration due to gravity by means of Kater's pendulum.

10

Q.1 State and explain Newton's law of gravitation. What is meant by

gravitational constant? What are its units and dimensions?

10


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INTERNAL QUALITY ASSURANCE CELL

Internal Evaluation 2018-2019

Date- 19/09/18

Department of PHYSICS

Presenty Report of Test/Tutorial

Class: B.Sc. I, Semester: I, Name of Paper: Mechanics & Properties of matter
Paper No. : I, Marks: 10

Sr. No.	Roll. No	P/A	Sr. No.	Roll. No	P/A	Sr. No.	Roll. No	P/A	Sr. No.	Roll. No	P/A
1	AA-04	P	26	AA-68	P	51			76		
2	05	P	27	69	P	52			77		
3	06	P	28	70	P	53			78		
4	09	P	29	71	P	54			79		
5	10	Ab	30	74	P	55			80		
6	13	P	31	75	Ab	56			81		
7	16	P	32	76	P	57			82		
8	17	P	33	77	P	58			83		
9	18	P	34	78	P	59			84		
10	22	P	35	85	P	60			85		
11	32	P	36	88	P	61			86		
12	40	Ab	37	89	P.	62			87		
13	42	P	38	94	P	63			88		
14	45	P	39	97	Ab	64			89		
15	46	P	40	102	P	65			90		
16	50	P	41	109	P	66			91		
17	51	P	42	111	P	67			92		
18	56	P	43	116	Ab	68			93		
19	57	P	44	122	P	69			94		
20	58	P	45	125	P	70			95		
21	59	P	46	128	P	71			96		
22	60	Ab	47	132	P	72			97		
23	62	P	48	115	P	73			98		
24	64	P	49	124	P	74			99		
25	65	P	50			75			100		

Number of student present-43 Number of students absent-06 Total students-49

Jay
Dr. Somshankar V. Rajmane
Head, Dept. of Physics
Jawahar ASC College, Anadur.



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Jawahar Arts, Science & Commerce College
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INTERNAL QUALITY ASSURANCE CELL

Internal Evaluation 2018-2019

Date- 25/09/2018

Department of Physics

Presenty Report of Test/Tutorial

Class: B.Sc. I, Semester: I, Name of Paper: Mechanics & Properties of matter
Paper No. : I, Marks 10

Sr. No.	Roll. No	P/A	Sr. No.	Roll. No	P/A	Sr. No.	Roll. No	P/A	Sr. No.	Roll. No	P/A
1	AA-04	P	26	AA-68	P	51			76		
2	05	P	27	69	P	52			77		
3	06	P	28	70	P	53			78		
4	09	P	29	71	P	54			79		
5	10	P	30	74	P	55			80		
6	13	P	31	75	P	56			81		
7	16	P	32	76	P	57			82		
8	17	P	33	77	P	58			83		
9	18	P	34	78	P	59			84		
10	22	P	35	85	P	60			85		
11	32	P	36	88	P	61			86		
12	40	P	37	89	P	62			87		
13	42	P	38	94	P	63			88		
14	45	P	39	97	P	64			89		
15	46	P	40	102	P	65			90		
16	50	P	41	109	P	66			91		
17	51	P	42	111	P	67			92		
18	56	P	43	116	P	68			93		
19	57	P	44	122	P	69			94		
20	58	P	45	125	P	70			95		
21	59	P	46	128	P	71			96		
22	60	P	47	132	P	72			97		
23	62	P	48	115	P	73			98		
24	64	P	49	124	P	74			99		
25	65	P	50			75			100		

Number of student present- 49 Number of students absent- 00 Total students- 49


Dr. Somshankar V. Rajmane
Head, Dept. of Physics
Jawahar ASC College, Anadur



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Jawahar Arts, Science & Commerce College,
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INTERNAL QUALITY ASSURANCE CELL

Internal Evaluation 2018-2019

Date- 19/09/2018

Department of Physics

Present-Absent Report of Test/Tutorial

Class: B.Sc. I

Semester: I, Time:

Name of Paper: Mechanics & Properties of matter


Paper No. : I, Marks:

Name of Invigilator: Dr. Sushant Kumar Rajhans

Roll number of present Students	Roll number of absent Students	Total
AA-04, 05, 06, 09, 13, 16, 17, 18 22, 32, 42, 45, 46, 50, 51, 56 57, 58, 59, 62, 64, 65, 68, 69, 70, 71, 74, 76, 77, 78, 85, 88, 89, 94, 102, 109, 111, 115, 122, 124, 125, 128, 132,	AA-10, 40, 60, 75, 97, 116,	
Total present Students = <u>43</u>	Total absent Students = <u>06</u>	<u>49</u>

Signature of Invigilator


Co-Ordinator
Internal Evaluation Cell
Coordinator of Internal evaluation cell
Jawahar Arts, Science & Commerce College,
Anadur, Tq.- Tuljapur, Dist.- Osmanabad.


PRINCIPAL
Signature of Principal
College, Anadur,
Tal. Tuljapur, Dist. Osmanabad.



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INTERNAL QUALITY ASSURANCE CELL



Internal Evaluation 2018-19

Department of Physics

Name of Teacher: Dr. Samsankar Rajmane

Class: B.Sc. I, Semester: I, Name of Paper: Mechanics & Properties of Matter
 Paper No. : I, Marks Test-10, Tutorial -10, Total-20

Sr. No.	Roll. No	Test	Tutorial	Total	Sr. No.	Roll. No	Test	Tutorial	Total
1	AA-04	05	09	14	26	AA-68	04	09	13
2	05	04	08	12	27	69	03	09	12
3	06	03	09	12	28	70	02	09	11
4	09	05	09	14	29	71	06	07	13
5	10	Ab	09	09	30	74	05	07	12
6	13	07	09	16	31	75	Ab	09	09
7	16	06	08	14	32	76	05	09	14
8	17	05	09	14	33	77	06	09	15
9	18	02	09	11	34	78	07	09	16
10	22	00	09	09	35	85	08	09	17
11	32	05	09	14	36	88	08	09	17
12	40	Ab	09	09	37	89	06	09	15
13	42	08	09	17	38	94	05	09	14
14	45	07	09	16	39	97	Ab	09	09
15	46	06	09	15	40	102	04	09	13
16	50	05	09	14	41	109	05	08	13
17	51	05	09	14	42	111	03	09	12
18	56	06	09	15	43	115	05	08	13
19	57	00	09	09	44	116	Ab	09	09
20	58	05	09	14	45	122	04	08	12
21	59	06	09	15	46	124	05	08	13
22	60	Ab	09	09	47	125	06	08	14
23	62	04	09	13	48	128	05	09	14
24	64	02	09	11	49	132	00	09	09
25	65	00	09	09	50				

Co-ordinator
 Internal Evaluation Cell
 Jawahar Arts, Science & Commerce College,
 Anadur, Tq.- Tuljapur, Dist.- Osmanabad.

Principal
 Jawahar Arts, Science & Commerce
 College, Anadur,
 Tal. Tuljapur, Dist. Osmanabad.



Shikshan Prasarak Mansal's
Jawahar Arts, Science and Commerce College Anadur

Ta- Tuljapur Dist- Osmanabad 413603

Unit Examination Oct-2018

Class- B.Sc. II Subject- Physics

Paper No- VIII

Date-

Name Of Paper- **Modern Physics& Nuclear Physics**

Time-1.00 Hours

Marks- 10

Q1. Derive an expression for absorption coefficient is equal to the fractional decrease


in intensity of X-ray per unit thickness of absorption sheet

10

OR

Q.1 Write a short note on Laue's experiment.

10


Head
Department of Physics
Jawahar Arts Science & Commerce College
Anadur, Dist. Osmanabad - 413 603.



Shikshan Prasarak Mandal, Anadur's

Jawahar Arts, Science & Commerce College,

Anadur, Taluka- Tuljapur, Dist- Osmanabad.

NAAC- GRADE: B⁺⁺ CGPA: 2.81

Department of Physics

Faculty of Science and Technology

Question for Tutorial

B.Sc. Second Year

Semester- III

Subject **Physics**

Paper Number- VIII

Paper Name- **Modern Physics & Nuclear Physics**

Marks -10

Time- One hour

Date- / /2018


Name of teacher- **Dr. S.V. Rajmane** (M.Sc. Ph. D.)

Q.1 On the basis of Richardson and Compton experiment obtain relation

between maximum velocity of photoelectrons and frequency of light. 10

OR

Q.2 Write the application of photoelectric cell. 10


Department of Physics
Jawahar Arts Science & Commerce College
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INTERNAL QUALITY ASSURANCE CELL

Internal Evaluation 2018-2019

Date- 19/09/2018


Department of PHYSICS

Presenty Report of Test/Tutorial

Class: B.Sc. II, Semester: III, Name of Paper: modern physics & nuclear phy.
Paper No. : VIII Marks 10

Sr. No.	Roll. No	P/A	Sr. No.	Roll. No	P/A	Sr. No.	Roll. No	P/A	Sr. No.	Roll. No	P/A
1	AB-01	P	26	AB-99	P	51			76		
2	16	P	27	100	P	52			77		
3	19	P	28	101	AB	53			78		
4	21	P	29	102	P	54			79		
5	22	AB	30	112	P	55			80		
6	28	P	31	114	P	56			81		
7	33	P	32	115	AB	57			82		
8	34	P	33	116	P	58			83		
9	37	P	34	118	P	59			84		
10	43	P	35	120	P	60			85		
11	45	P	36			61			86		
12	49	AB	37			62			87		
13	51	P	38			63			88		
14	52	P	39			64			89		
15	53	P	40			65			90		
16	55	P	41			66			91		
17	61	P	42			67			92		
18	62	P	43			68			93		
19	72	AB	44			69			94		
20	73	P	45			70			95		
21	83	P	46			71			96		
22	85	P	47			72			97		
23	91	P	48			73			98		
24	94	AB	49			74			99		
25	95	P	50			75			100		

Number of student present-29 Number of students absent-06 Total students-35


Dr. Somshankar V. Rajmane
Head, Dept. of Physics
Jawahar ASC College, Anadur.



Shikshan Prasarak Mandal, Anadur's
Jawahar Arts, Science & Commerce College,
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INTERNAL QUALITY ASSURANCE CELL

Internal Evaluation 2018-2019

Date- 22/09/2018

Department of PHYSICS

Presenty Report of Ty/Tutorial

Class: B.Sc. II, Semester: III, Name of Paper: marked physics & Nucleus
Paper No. : VIII, Marks 10

Sr. No.	Roll. No	P/A	Sr. No.	Roll. No	P/A	Sr. No.	Roll. No	P/A	Sr. No.	Roll. No	P/A
1	AB-01	P	26	AB-99	P	51			76		
2	16	P	27	100	P	52			77		
3	19	P	28	101	P	53			78		
4	21	P	29	102	P	54			79		
5	22	P	30	112	P	55			80		
6	28	P	31	114	P	56			81		
7	33	P	32	115	P	57			82		
8	34	P	33	116	P	58			83		
9	37	P	34	118	P	59			84		
10	43	P	35	120	P	60			85		
11	45	P	36			61			86		
12	49	P	37			62			87		
13	51	P	38			63			88		
14	52	P	39			64			89		
15	53	P	40			65			90		
16	55	P	41			66			91		
17	61	P	42			67			92		
18	62	P	43			68			93		
19	72	P	44			69			94		
20	73	P	45			70			95		
21	83	P	46			71			96		
22	85	P	47			72			97		
23	91	P	48			73			98		
24	94	P	49			74			99		
25	95	P	50			75			100		

Number of student present- 35 Number of students absent- 00 Total students- 35

Dr. Somshankar V. Rajmane
Head, Dept. of Physics
Jawahar ASC College, Anadur.



Shikshan Prasarak Mandal, Anadur's

Jawahar Arts, Science & Commerce College,
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INTERNAL QUALITY ASSURANCE CELL

Internal Evaluation 2018-2019

Date- 19/09/2018

Department of physics

Present-Absent Report of Test/Tutorial

Class: B.Sc.II

Semester: III, Time:

Name of Paper: MODERN PHYSICS

Paper No. : VIII, Marks:

Name of Invigilator: Dr. Sambharkar Rajnare.

Roll number of present Students	Roll number of absent Students	Total
AB-01, 16, 19, 21, 28, 33, 34, 37, 43, 45, 51, 52, 53, 55 61, 62, 73, 83, 85, 91, 95 99, 100, 102, 112, 114, 116 118, 120.	AB-22, 49, 72, 94, 101, 115,	
Total present Students = 29	Total absent Students = 06	35

Signature of Invigilator

Dr. Sambharkar Rajnare.
Co-Ordinator
Internal Quality Assurance Cell
Jawahar Arts, Science & Commerce College,
Anadur, Tq.- Tuljapur, Dist.- Osmanabad.

Dr. Sambharkar Rajnare.
PRINCIPAL
Signature of Principal
Jawahar Arts, Science & Commerce
College, Anadur,
Tal. Tuljapur, Dist. Osmanabad.



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Anadur, Tq. Tuljapur, Dist- Osmanabad -413603
INTERNAL QUALITY ASSURANCE CELL



Internal Evaluation 2018-19

Department of Physics

Name of Teacher: Dr. Samsankar Rajore

Class: B.Sc. II, Semester: III, Name of Paper: Modern Physics & Nuclear Phy.
 Paper No. : VIII, Marks Test-10, Tutorial -10, Total-20

Sr. No.	Roll. No	Test	Tutorial	Total	Sr. No.	Roll. No	Test	Tutorial	Total
1	AB-01	08	09	17	26	AB-99	05	09	14
2	16	07	08	15	27	100	04	08	12
3	19	06	09	15	28	101	Ab	09	09
4	21	05	09	14	29	102	03	09	12
5	22	Ab	09	09	30	112	04	08	12
6	28	05	09	14	31	114	00	09	09
7	33	06	08	14	32	115	Ab	09	09
8	34	05	09	14	33	116	05	09	14
9	37	07	09	16	34	118	04	08	12
10	43	08	08	16	35	120	05	08	13
11	45	05	09	14	36				
12	49	Ab	09	09	37				
13	51	05	09	14	38				
14	52	04	08	12	39				
15	53	03	07	10	40				
16	55	02	09	11	41				
17	61	01	09	10	42				
18	62	02	08	10	43				
19	72	Ab	09	09	44				
20	73	07	04	11	45				
21	83	06	05	11	46				
22	85	05	06	11	47				
23	91	05	09	14	48				
24	94	Ab	09	09	49				
25	95	05	09	14	50				

Internal Evaluation Cell

Jawahar Arts, Science & Commerce College,
 Anadur, Tq.- Tuljapur, Dist.- Osmanabad.

Principal
 Jawahar Arts, Science & Commerce
 College, Anadur,
 Tal. Tuljapur, Dist. Osmanabad.

Co-Ordinator



Jawahar Arts, Science and Commerce College Anadur

Ta- Tuljapur Dist- Osmanabad 413603

Unit Examination Oct-2018

Class- B.Sc. III Subject- Physics

Paper No- XV

Date-

Name Of Paper- Classical & Quantum Mechanics


Time-1.00 Hours

Marks- 10

Q.1 Write a note on holonomic and nonholonomic constraints. 10

OR

Q.1 Derive Plank's radiation formula & show that Raleigh Jean's law and Wien's law are special case of Plank's law. 10


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Shikshan Prasarak Mandal, Anadur's

Jawahar Arts, Science & Commerce College,

Anadur, Taluka- Tuljapur, Dist- Osmanabad.

NAAC- GRADE: B⁺⁺ CGPA: 2.81

Department of Physics

Faculty of Science and Technology

Question for Tutorial

B.Sc.- Third Year

Semester- V

Subject- **Physics**

Paper Number- XV

Paper Name- **Classical & Quantum Mechanics**

Marks -10

Time- One hour

Date- / /2018

Name of teacher- Dr. S.V. Rajmane (M.Sc. Ph. D.)

Q.1 Explain the photoelectric effect. Explain the laws of photoelectric effect. 10

OR

Q.1 Give Einstein's explanation of feature of photoelectric effect. 10


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INTERNAL QUALITY ASSURANCE CELL

Internal Evaluation 20B-2019

Date- 18/09/2018

Department of PHYSICS

Presenty Report of Test/Tutorial

Class: B.Sc. III, Semester: V, Name of Paper: Classical & Quantum mechanics
Paper No. : XV, Marks 10

Sr. No.	Roll. No	P/A	Sr. No.	Roll. No	P/A	Sr. No.	Roll. No	P/A	Sr. No.	Roll. No	P/A
1	AC-01	P	26	AC-62	P	51			76		
2	04	P	27	63	AB	52			77		
3	05	P	28	64	P	53			78		
4	06	AB	29	68	P	54			79		
5	08	P	30	69	P	55			80		
6	10	P	31	70	AB	56			81		
7	11	P	32	76	P	57			82		
8	17	P	33	82	P	58			83		
9	18	P	34	89	P	59			84		
10	20	P	35	93	AB	60			85		
11	22	AB	36	94	P	61			86		
12	23	P	37	95	P	62			87		
13	24	P	38	96	P	63			88		
14	29	P	39	99	P	64			89		
15	35	P	40	100	P	65			90		
16	36	P	41			66			91		
17	39	P	42			67			92		
18	41	P	43			68			93		
19	43	P	44			69			94		
20	44	P	45			70			95		
21	47	AB	46			71			96		
22	48	P	47			72			97		
23	49	P	48			73			98		
24	55	P	49			74			99		
25	60	P	50			75			100		

Number of student present-34 Number of students absent-6 Total students


Dr. Somshankar Y. Rajmane
Head, Dept. of Physics
Jawahar ASC College, Anadur.



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Jawahar Arts, Science & Commerce College
Anadur, Tq. Tuljapur, Dist- Osmanabad -413603



INTERNAL QUALITY ASSURANCE CELL

Internal Evaluation 2018-2019

Date- 20/09/2018

Department of PHYSICS

Presenty Report of Test/Tutorial

Class: B.Sc. III, Semester: V, Name of Paper: classical & quantum mechanics
Paper No. : IV, Marks 10

Sr. No.	Roll. No	P/A	Sr. No.	Roll. No	P/A	Sr. No.	Roll. No	P/A	Sr. No.	Roll. No	P/A
1	AC-01	P	26	AC-62	P	51			76		
2	04	P	27	63	P	52			77		
3	05	P	28	64	P	53			78		
4	06	P	29	68	P	54			79		
5	08	P	30	69	P	55			80		
6	10	P	31	70	P	56			81		
7	11	P	32	76	P	57			82		
8	17	P	33	82	P	58			83		
9	18	P	34	89	P	59			84		
10	20	P	35	93	P	60			85		
11	22	P	36	94	P	61			86		
12	23	P	37	95	P	62			87		
13	24	P	38	96	P	63			88		
14	29	P	39	99	P	64			89		
15	35	P	40	100	P	65			90		
16	36	P	41			66			91		
17	39	P	42			67			92		
18	41	P	43			68			93		
19	43	P	44			69			94		
20	44	P	45			70			95		
21	47	P	46			71			96		
22	48	P	47			72			97		
23	49	P	48			73			98		
24	55	P	49			74			99		
25	60	P	50			75			100		

Number of student present- 40 Number of students absent- 00 Total students- 40


Somshankar V. Rajmane
Head, Dept. of Physics
Jawahar ASC College, Anadur.



Shikshan Prasarak Mandal, Anadur's

Jawahar Arts, Science & Commerce College,
Anadur, Tq. Tuljapur, Dist- Osmanabad -413603



INTERNAL QUALITY ASSURANCE CELL

Internal Evaluation 2018-2019

Date- 12/09/2018

Department of Physics

Present-Absent Report of Test/Tutorial

Class: B. Sc. III

Semester: V, Time:


Name of Paper: Classical & Quantum Physics Paper No. : XV, Marks:

Name of Invigilator: _____

Roll number of present Students	Roll number of absent Students	Total
AC-01, 04, 05, 08, 10, 11, 17, 18 20, 23, 24, 29, 35, 36, 39 41, 43, 44, 48, 49, 55, 60, 62, 64, 68, 69, 76, 82, 89, 94, 95, 96, 99, 100	AC-06, 22, 47, 63 70, 93,	
Total present Students = 34	Total absent Students = 06	40


Signature of Invigilator


Co-Ordinator
Internal Quality Assurance Cell
Jawahar Arts, Science & Commerce College,
Anadur, Tq.- Tuljapur, Dist.- Osmanabad.


PRINCIPAL
Signature of Principal
Jawahar Arts, Science & Commerce
College, Anadur,
Tal. Tuljapur, Dist. Osmanabad.



**Shikshan Prasarak Mandal, Anadur's
Jawahar Arts, Science & Commerce College,
Anadur, Tq. Tuljapur, Dist- Osmanabad -413603
INTERNAL QUALITY ASSURANCE CELL**



Internal Evaluation 2018-19

Department of Physics

Name of Teacher: Dr. Sureshkrishna Rajmane

Class: B.Sc. III, Semester: V, Name of Paper: Classical & Quantum mechanics

Paper No. : 101

Marks Test-10, Tutorial -10, Total-20

Sr. No.	Roll. No	Test	Tutorial	Total	Sr. No.	Roll. No	Test	Tutorial	Total
1	AC-01	07	09	16	26	AC-62	06	09	15
2	04	08	08	16	27	63	AB	09	09
3	05	09	09	18	28	64	05	09	14
4	06	AB	09	09	29	68	04	08	12
5	08	05	08	13	30	69	03	09	12
6	10	06	09	15	31	70	AB	09	09
7	11	07	07	14	32	76	06	08	14
8	17	08	07	15	33	82	07	09	16
9	18	09	09	18	34	89	08	09	17
10	20	05	09	14	35	93	AB	09	09
11	22	AB	09	09	36	94	05	09	14
12	23	04	09	13	37	95	06	05	11
13	24	05	08	13	38	96	07	07	14
14	29	04	09	13	39	99	08	08	16
15	35	09	09	18	40	100	09	09	18
16	36	08	07	15	41				
17	39	06	09	15	42				
18	41	05	09	14	43				
19	43	04	09	13	44				
20	44	03	09	12	45				
21	47	AB	09	09	46				
22	48	05	09	14	47				
23	49	06	09	15	48				
24	55	07	08	15	49				
25	60	09	09	18	50				

Co-ordinator

Internal Evaluation Cell

Jawahar Arts, Science & Commerce College,
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PRINCIPAL

Jawahar Arts, Science & Commerce College, Anadur,
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दुरितांगे तिमिर जावो !
Shikshan Prasarak Mandal's

JAWAHAR ART'S, SCIENCE & COMMERCE COLLEGE, ANADUR

Tq. Tuljapur, Dist. Osmanabad - 413 603

NAAC - GRADE - B++ (CGPA 2.81)

President : Shri. B. F. Kasture

Secretary : Shri. S. N. Alure Guruji

Principal : Dr. Umakant Chanshetli (Mob.: 9420488874)
(M.Sc., M.Phil. Ph.D)

Ph.: (02471) 246037, 246737

Ref. : JMA/

Date :

दि.

१३.०२.२०१९

सूचना

बी.ए./बी.एस्सी./बी.कॉम. (I,II,III) वर्षातील सर्व विद्यार्थ्यांना सूचित करण्यात येते की, अंतर्गत मूल्यमापन कार्यक्रम (२०१८-२०१९) नुसार द्वितीय घटक चाचणी दि.१५ व १६ फेब्रुवारी २०१९ रोजी घेण्यात येणार आहे. सदर घटक चाचणीचे वेळापत्रक सूचना फलकावर लावण्यात येईल याची सर्वांनी नोंद घ्यावी.

चेअरमन
Internal Coordinator
अंतर्गत मूल्यमापन समिती
Jawahar Arts, Science & Commerce College,
Anadur, Tq.- Tuljapur, Dist.- Osmanabad.

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**JAWAHAR ART'S, SCIENCE & COMMERCE COLLEGE ANADUR
TA- TULJAPUR, DIST-OSMANABAD
UNIT TEST-SECOND (2018-19)**

Date & Day	Time	Faculty of Arts			Faculty of Science			Faculty of Commerce		
		B.A. II	B.A. III	B.Sc. II	B.Sc. III	B.Com. II	B.Com. III			
15/02/2019 Friday	10.00-10.40am	S.L. M/H/S (05/06/18)	-----	S.L. M/H/S (05/06/18)	-----	S.L. M/H/S (05/06/18)	-----			
	10.50-11.30am	Eng.Com (18)	Main M/H/S/E- XV (04) His/Eco/Geo/Pol/Soc XV-(5/6)	Eng.Com (07)	-----	-----	-----			
	11.40-12.20pm	Opt M/S /H /E VII/VII/IV/IV (6/9/10/11)	Main M/H/S/E- XVI (09) His/Eco/Geo/Pol/Soc XVI- (05)	Che-XIII (18)	Phy/Zoo XXI (04)	Acc (07)	-----			
	12.30-1.10pm	Opt M/S /H /E VIII/VIII/V/V (5/6/7/9)	Opt M/S/H/E XIII/XIII/VI/VI (16)	Che-XIV (18)	Phy/Zoo XXII (04)	O.B. (10)	-----			Cost. Acc (11)
	1.20-2.00pm	His/Eco/Geo VIII/IX (09/17/18)	Opt M/S/H/E XIV/XIV/VII/VII (7)	Phy/Zoo XIII (04)	Maths/Bot 601/XXI (5/6)	M.M. (10)	-----			I.T. (11)
16/02/2019 Saturday	10.00-10.40am	His/Eco/Geo VIII/IX (09/17/18)	His/Eco/Geo XIII/IXX (14/15)	Phy/Zoo XIV (04/07)	Maths/Bot 602/XXII (5/6)	I.T. (10)	-----			Audit (11)
	10.50-11.30am	Pol.Sci/Soci-VII (07/09)	His/Eco/Geo -XIV (06/09/17)	Maths/Bot 401/XIII (04/05)	Maths 605 (18)	B.R.F. (10)	-----			Acc (11)
	11.40-12.20pm	Pol.Sci/Soci-VIII (04/09)	Pol.Sci/Soci -XIII (4/9)	Maths/Bot 402/XIV(18/6)	Che XXI(07)	-----	-----			Direct Tax(11)
	12.30-1.10pm	-----	Pol.Sci/Soci-XIV (05/08)	Maths 403(07)	Che-XXII (06)	Eng. Com(18)	-----			Banking(11)

Note - Bracketed figure indicates the Hall Number.

Ray



PRINCIPAL
Jawahar Arts, Science & Commerce
College, Anadur,
Tal. Tuljapur, Dist. Osmanabad.

Co-Ordinator
Internal Evaluation Cell
Jawahar Arts, Science & Commerce College,
Anadur, Tal. Tuljapur, Dist. Osmanabad.



ShikshanPrasarakMandal, Anadur's
**Jawahar Arts, Science & Commerce
College,**
Anadur, Tq. Tuljapur, Dist. Osmanabad -413603

DEPARTMENT OF PHYSICS

Under the continuous Internal Evaluation (CIE)

Internal Unit Test No. II (Second Term)


Academic Year -2018 -19

NOTICE

All the students of B. Sc. I, II and III year Physics are hereby to inform that, the time-table for the Semester II/IV/VI - Internal Unit Test II is scheduled as displayed in the table below. Students should appear for the exams accordingly.

Internal Unit Test Exam : Time-Table

Sr. No.	Day and Date	Class	Time	Paper No
1	15/02/2019	B.Sc. III	11.40-12.20	XIX
2	15/02/2019	B.Sc. III	12.30-1.10	XX
3	15/02/2019	B.Sc. II	1.20-2.00	XI
4	16/02/2019	B.Sc. I/B.Sc.II	10.00-10.40	IV/ XII
5	15/02/2019	B.Sc. I	10.50-11.30	V


Department Head
Department of Physics
Jawahar Arts Science & Commerce College
Anadur, Dist. Osmanabad - 413 603.


Principal
Principal
Jawahar Arts, Science & Commerce College
Anadur, Tal. Tuljapur, Dist. Osmanabad



Shikshan Prasarak Mansal's

Jawahar Arts, Science and Commerce College Anadur

Ta- Tuljapur Dist- Osmanabad 413603

Unit Examination Oct-2018 -19

Class- B.Sc. I

Subject- Physics

Paper No- ~~VI~~ IV

Date-

Name Of Paper- **Geometrical & Physical Optics**

Time-1.00 Hours

Marks- 10

Q. 1 Give the construction of Ramsden's eyepiece. Calculate its equivalent focal length and positions of cardinal points. 10

OR

Q. 1 Two thin lenses of focal lengths 5cm and 2cm are placed coaxially 3cm apart. Calculate the equivalent focal length and locate the principal points. 10

OR

Q. 1 Two thin converging lenses of focal lengths 20cm and 40 cm are placed coaxially 20cm apart. Calculate the positions of principal points and focal points. 10

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Anadur, Taluka- Tuljapur, Dist- Osmanabad.

NAAC- GRADE: B⁺⁺ CGPA: 2.81

Department of Physics

Faculty of Science and Technology

Question for Tutorial

B.Sc.- First Year

Semester- II

Subject- **Physics**

Paper Number- IV

Paper Name- **Geometrical & Physical Optics**

Marks -10

Time- One hour

Date- / /2017

Name of teacher- Dr. S.V. Rajmane (M.Sc. Ph. D.)

1) What are cardinal points of an optical system? Define and explain focal points and focal planes.

OR

2) What are principal points and principal planes? Show that principal planes are the planes of unit positive lateral magnification.

OR

3) What are nodal points and nodal planes? Show that i) nodal planes are the planes of unit angular magnification. ii) distance between the principal points is equal to the distance between the nodal points. iii) principal points coincides with the nodal points if optical system is situated in the same medium.

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Jawahar Arts, Science & Commerce College
Anadur, Tq. Tuljapur, Dist- Osmanabad -413603



INTERNAL QUALITY ASSURANCE CELL

Internal Evaluation 2018-2019

Date- 15/02/2019


Department of Physics

Presenty Report of Test/Tutorial

Class: B.Sc-II, Semester: IV, Name of Paper: General Electronics
Paper No. : 21, Marks 10

Sr. No.	Roll. No	P/A	Sr. No.	Roll. No	P/A	Sr. No.	Roll. No	P/A	Sr. No.	Roll. No	P/A
1	AB-01	P	26	AB-99	P	51			76		
2	16	P	27	100	P	52			77		
3	19	P	28	101	P	53			78		
4	21	P	29	102	AB	54			79		
5	22	P	30	112	P	55			80		
6	28	AB	31	114	P	56			81		
7	33	P	32	115	P	57			82		
8	34	P	33	116	AB	58			83		
9	37	P	34	118	P	59			84		
10	43	P	35	120	P	60			85		
11	45	P	36			61			86		
12	49	P	37			62			87		
13	51	AB	38			63			88		
14	52	P	39			64			89		
15	53	P	40			65			90		
16	55	P	41			66			91		
17	61	P	42			67			92		
18	62	P	43			68			93		
19	72	P	44			69			94		
20	73	AB	45			70			95		
21	83	P	46			71			96		
22	85	P	47			72			97		
23	91	P	48			73			98		
24	84	P	49			74			99		
25	95	AB	50			75			100		

Number of student present- 29 Number of students absent- 06 Total students- 35


Dr. Somshekar V. Rajmane
Head, Dept. of Physics
Jawahar ASC College, Anadur.



Shikshan Prasarak Mandal, Anadur's
Jawahar Arts, Science & Commerce College
Anadur, Tq. Tuljapur, Dist- Osmanabad -413603



INTERNAL QUALITY ASSURANCE CELL

Internal Evaluation 2018-2019

Date- 20/02/2019

Department of Physics

Presenty Report of Tutorial

Class: B.Sc. II, Semester: IV, Name of Paper: General Electronics
Paper No. : VI, Marks 10

Sr. No.	Roll. No	P/A	Sr. No.	Roll. No	P/A	Sr. No.	Roll. No	P/A	Sr. No.	Roll. No	P/A
1	AB-01	P	26	AB-99	P	51			76		
2	16	P	27	100	P	52			77		
3	19	P	28	101	P	53			78		
4	21	P	29	102	P	54			79		
5	22	P	30	112	P	55			80		
6	28	P	31	114	P	56			81		
7	33	P	32	115	P	57			82		
8	34	P	33	116	P	58			83		
9	37	P	34	118	P	59			84		
10	43	P	35	120	P	60			85		
11	45	P	36			61			86		
12	49	P	37			62			87		
13	51	P	38			63			88		
14	52	P	39			64			89		
15	53	P	40			65			90		
16	55	P	41			66			91		
17	61	P	42			67			92		
18	62	P	43			68			93		
19	72	P	44			69			94		
20	73	P	45			70			95		
21	83	P	46			71			96		
22	85	P	47			72			97		
23	91	P	48			73			98		
24	94	P	49			74			99		
25	95	P	50			75			100		

Number of student present-35 Number of students absent-00 Total students-35

Dr. Somshikhar V. Rajmane
Head, Dept. of Physics
Jawahar ASC College, Anadur.



Shikshan Prasarak Mandal, Anadur's

Jawahar Arts, Science & Commerce College,
Anadur, Tq. Tuljapur, Dist- Osmanabad -413603

INTERNAL QUALITY ASSURANCE CELL

Internal Evaluation 2018-2019

Date- 15/02/2019

Department of Physics

Present-Absent Report of Test/Tutorial

Class: B.Sc. I

Semester: II, Time:

Name of Paper: Geometrical & Physical Optics Paper No. : II, Marks:

Name of Invigilator: Dr. B. S. Bhatnagar

Roll number of present Students	Roll number of absent Students	Total
AA-04, 05, 06, 09, 13, 16, 17, 18 22, 32, 42, 45, 46, 50, 51, 56 57, 58, 59, 62, 64, 65, 68, 69, 70, 71, 74, 76, 77, 78, 85, 88, 89, 94, 102, 109, 111, 115, 122, 124, 125, 128, 132	AA-10, 40, 60, 75, 97, 116,	
Total present Students = <u>48</u>	Total absent Students = <u>06</u>	<u>49</u>

Signature of Invigilator

Coordinator of Internal evaluation cell
Jawahar Arts, Science & Commerce College,
Anadur, Tq. Tuljapur, Dist. - Osmanabad.

PRINCIPAL
Signature of Principal
Jawahar Arts, Science & Commerce
College, Anadur,
Tal. Tuljapur, Dist. Osmanabad.



Shikshan Prasarak Mandal, Anadur's
Jawahar Arts, Science & Commerce College,
Anadur, Tq. Tuljapur, Dist- Osmanabad -413603
INTERNAL QUALITY ASSURANCE CELL



Internal Evaluation 2018-19

Department of Physics

Name of Teacher: Dr. Sureshankar Rajwade

Class: B.Sc. I, Semester: II, Name of Paper: Geometrical & Physical optics

Paper No. : IV,

Marks Test-10, Tutorial -10, Total-20

Sr. No.	Roll. No	Test	Tutorial	Total	Sr. No.	Roll. No	Test	Tutorial	Total
1	AA-04	05	08	13	26	AA-68	03	07	10
2	05	03	07	10	27	69	04	08	12
3	06	02	09	11	28	70	05	07	12
4	09	04	09	13	29	71	06	08	14
5	10	Ab	09	09	30	74	07	07	14
6	13	06	09	15	31	75	Ab	09	09
7	16	05	08	13	32	76	04	09	13
8	17	04	09	13	33	77	05	09	14
9	18	01	09	10	34	78	06	07	13
10	22	01	09	10	35	85	07	07	14
11	32	04	08	12	36	88	00	09	09
12	40	Ab	09	09	37	89	01	08	09
13	42	07	09	16	38	94	04	07	11
14	45	06	08	14	39	97	Ab	09	09
15	46	05	07	12	40	102	03	07	10
16	50	04	08	12	41	109	04	07	11
17	51	04	09	13	42	111	05	09	14
18	56	05	07	12	43	115	06	09	15
19	57	01	09	10	44	116	Ab	09	09
20	58	04	08	12	45	122	02	08	10
21	59	03	09	12	46	124	03	07	10
22	60	Ab	09	09	47	125	04	08	12
23	62	04	08	12	48	128	03	09	12
24	64	03	09	12	49	132	05	09	14
25	65	00	09	09	50				

Co-Ordinator

Internal Evaluation Cell
 Jawahar Arts, Science & Commerce College,
 Anadur, Tq.- Tuljapur, Dist.- Osmanabad.

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 Tal. Tuljapur, Dist. Osmanabad.



Shikshan Prasarak Mansal's

Jawahar Arts, Science and Commerce College Anadur

Ta- Tuljapur Dist- Osmanabad 413603

Unit Examination Oct-2018-19

Class- B.Sc. II

Subject- Physics

Paper No- XI

Date-

Name Of Paper- **General Electronics**

Time-1.00 Hours

Marks- 10

Q.1 What is faithful application. Explain the condition to be fulfilled to archive
faithful amplification in the transistor amplifier. 10

OR

Q.1 Describe the various method used for transistor biasing. State their advantages
and disadvantages. 10

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Anadur, Taluka- Tuljapur, Dist- Osmanabad.

NAAC- GRADE: B** CGPA: 2.81

Department of Physics

Faculty of Science and Technology

Question for Tutorial

B.Sc.- Second Year

Semester- IV

Subject- **Physics**

Paper Number- XI

Paper Name- **General Electronics**

Marks -10

Time- One hour

Date- / /2019

Name of teacher- Dr. S.V. Rajmane (M.Sc. Ph. D.)

Q.1 Sketch typical CE input characteristics curve for an NPN transistor.

Label all variables. Outline the procedure of calculating the input resistance at a given point from these curves.

10

OR

Q.1. Explain the construction and working of MOSFET

10

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INTERNAL QUALITY ASSURANCE CELL



Internal Evaluation 2018-2019

Date- 15/02/2019

Department of PHYSICS

Presenty Report of Test/Tutorial

Class: B.Sc. I, Semester: II, Name of Paper: Geometrical optics,
Paper No. : IV, Marks 10

Sr. No.	Roll. No	P/A	Sr. No.	Roll. No	P/A	Sr. No.	Roll. No	P/A	Sr. No.	Roll. No	P/A
1	AA-04	P	26	AA-68	P	51			76		
2	05	P	27	69	P	52			77		
3	06	P	28	70	P	53			78		
4	09	P	29	71	P	54			79		
5	10	Ab	30	74	P	55			80		
6	13	P	31	75	Ab	56			81		
7	16	P	32	76	P	57			82		
8	17	P	33	77	P	58			83		
9	18	P	34	85	P	59			84		
10	22	P	35	88	P	60			85		
11	32	P	36	89	P	61			86		
12	40	Ab	37	94	P	62			87		
13	42	P	38	97	Ab	63			88		
14	45	P	39	102	P	64			89		
15	46	P	40	109	P	65			90		
16	50	P	41	111	P	66			91		
17	51	P	42	116	Ab	67			92		
18	56	P	43	125	P	68			93		
19	57	P	44	128	P	69			94		
20	58	P	45	132	P	70			95		
21	59	P	46	78	P	71			96		
22	60	Ab	47	122	P	72			97		
23	62	P	48	125	P	73			98		
24	64	P	49	124	P	74			99		
25	65	P	50			75			100		

Number of student present- 43 Number of students absent- 06 Total students- 49

Saj
Someshwar V. Rajmane
Head, Dept of Physics
Jawahar ASC College, Anadur.



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Jawahar Arts, Science & Commerce College,
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INTERNAL QUALITY ASSURANCE CELL

Internal Evaluation 2018-2019

Date- 20/12/2019

Department of Physics

Presenty Report of Test/Tutorial

Class: B.Sc - I, Semester: II, Name of Paper: Geometrical & Physical optics
Paper No. : IV, Marks 10

Sr. No.	Roll. No	P/A	Sr. No.	Roll. No	P/A	Sr. No.	Roll. No	P/A	Sr. No.	Roll. No	P/A
1	AA-04	P	26	AA-68	P	51			76		
2	05	P	27	69	P	52			77		
3	06	P	28	70	P	53			78		
4	09	P	29	71	P	54			79		
5	10	P	30	74	P	55			80		
6	13	P	31	75	P	56			81		
7	16	P	32	76	P	57			82		
8	17	P	33	77	P	58			83		
9	18	P	34	78	P	59			84		
10	22	P	35	85	P	60			85		
11	32	P	36	88	P	61			86		
12	40	P	37	89	P	62			87		
13	42	P	38	94	P	63			88		
14	45	P	39	97	P	64			89		
15	46	P	40	102	P	65			90		
16	50	P	41	109	P	66			91		
17	51	P	42	111	P	67			92		
18	56	P	43	115	P	68			93		
19	57	P	44	116	P	69			94		
20	58	P	45	122	P	70			95		
21	59	P	46	124	P	71			96		
22	60	P	47	125	P	72			97		
23	62	P	48	128	P	73			98		
24	64	P	49	132	P	74			99		
25	65	P	50			75			100		

Number of student present- 49 Number of students absent- 00 Total students- 49

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Jawahar Arts, Science & Commerce College,
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INTERNAL QUALITY ASSURANCE CELL

Internal Evaluation 2018-2019

Date- 16/02/2019

Department of Physics

Present-Absent Report of Test/Tutorial

Class: B.Sc-II

Semester: IV, Time:

Name of Paper: General electronics

Paper No. : II, Marks:

Name of Invigilator: Dr. Sureshchandra Rajmane.

Roll number of present Students	Roll number of absent Students	Total
AB-01, 16, 19, 21, 22, 33, 34, 37, 43, 45, 49, 52, 53, 55 61, 62, 72, 83, 85, 91, 94, 99, 100, 101, 112, 114, 115 118, 120	AB-28, 51, 73, 95 102, 116,	
Total present Students = 29	Total absent Students = 06	35

eg
Signature of Invigilator

Dr. Sureshchandra Rajmane
Co-Ordinator
Internal Evaluation Cell
Jawahar Arts, Science & Commerce College,
Anadur, Tq. Tuljapur, Dist. - Osmanabad.

[Signature]
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INTERNAL QUALITY ASSURANCE CELL



Internal Evaluation 2018-19

Department of Physics

Name of Teacher: Dr. Sureshwarrao Rajwade

Class: B.Sc. II, Semester: IV, Name of Paper: General Electronics

Paper No. : XI,

Marks Test-10, Tutorial -10, Total-20

Sr. No.	Roll. No	Test	Tutorial	Total	Sr. No.	Roll. No	Test	Tutorial	Total
1	AB-01	07	07	14	26	AB-99	04	09	13
2	16	06	08	14	27	100	03	08	11
3	19	05	09	14	28	101	02	09	11
4	21	05	09	14	29	102	AB	09	09
5	22	05	08	13	30	112	03	07	10
6	28	AD	09	09	31	114	04	06	10
7	33	05	08	13	32	115	05	07	12
8	34	04	09	13	33	116	AB	09	09
9	37	03	08	11	34	118	00	09	09
10	43	02	09	11	35	120	05	09	014
11	45	01	08	09	36				
12	49	00	09	09	37				
13	51	AD	09	09	38				
14	52	01	08	09	39				
15	53	02	07	09	40				
16	55	03	06	09	41				
17	61	04	05	09	42				
18	62	05	09	14	43				
19	72	05	02	07	44				
20	73	AB	09	09	45				
21	83	01	09	10	46				
22	85	02	08	10	47				
23	91	03	07	10	48				
24	94	04	06	10	49				
25	95	AD	09	09	50				

[Signature]
CO-ordinator

[Signature]
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Jawahar Arts, Science and Commerce College Anadur

Ta- Tuljapur Dist- Osmanabad 413603

Unit Examination -2019

Class- B.Sc. III

Subject- Physics

Paper No- XIX

Date-

Name Of Paper- Atomic & Molecular Physics

Time-1.00 Hours

Marks- 10

Q.1. Explain the Raman effect.

10

OR

Q.1. How is the Raman effect is explained theoretically.

10

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Anadur, Taluka- Tuljapur, Dist- Osmanabad.

NAAC- GRADE: B⁺⁺ CGPA: 2.81

Department of Physics

Faculty of Science and Technology

Question for Tutorial

B.Sc.- Third Year

Semester- VI

Subject- **Physics**

Paper Number- XIX

Paper Name- Atomic & Molecular Physics

Marks -10

Time- One hour


Date- / /2019

Name of teacher- Dr. S.V. Rajmane (M.Sc. Ph. D.)

Q.1. Give the theory rigid diatomic molecule and account for the rotational spectra. 10

OR

Q.1. Give the theory of the vibrational spectra. Find the spacing between the energy levels. 10


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INTERNAL QUALITY ASSURANCE CELL



Internal Evaluation 2018-2019

Date- 15/09/2019

Department of Physics

Presenty Report of Test/Tutorial

Class: B.Sc. III, Semester: VI, Name of Paper: Atomic & molecular physics
Paper No. : 217, Marks 10

Sr. No.	Roll. No	P/A	Sr. No.	Roll. No	P/A	Sr. No.	Roll. No	P/A	Sr. No.	Roll. No	P/A
1	AC-01	P	26	AC-62	P	51			76		
2	04	AB	27	63	P	52			77		
3	05	P	28	64	AB	53			78		
4	06	P	29	68	P	54			79		
5	08	P	30	69	P	55			80		
6	10	P	31	70	P	56			81		
7	11	P	32	76	P	57			82		
8	17	P	33	82	AB	58			83		
9	18	AB	34	89	P	59			84		
10	20	P	35	93	P	60			85		
11	22	P	36	94	P	61			86		
12	23	P	37	95	AB	62			87		
13	24	P	38	96	P	63			88		
14	29	P	39	99	P	64			89		
15	35	AB	40	100	P	65			90		
16	36	P	41			66			91		
17	39	P	42			67			92		
18	41	P	43			68			93		
19	43	P	44			69			94		
20	44	P	45			70			95		
21	47	AB	46			71			96		
22	48	P	47			72			97		
23	49	P	48			73			98		
24	55	P	49			74			99		
25	60	P	50			75			100		

Number of student present-33 Number of students absent-07 Total students-40

Dr. Somshekar V. Rajmane
Head, Dep. of Physics
Jawahar ASC College, Anadur.



Shikshan Prasarak Mandal, Anadur's
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Anadur, Tq. Tuljapur, Dist- Osmanabad -413603



INTERNAL QUALITY ASSURANCE CELL

Internal Evaluation 2018-2019

Date- 20/02/2019

Department of physics

Presenty Report of Test/Tutorial

Class: B.Sc-III, Semester: II, Name of Paper: Atomic & molecular physics

Paper No. : XIX

Marks 10

Sr. No.	Roll. No	P/A	Sr. No.	Roll. No	P/A	Sr. No.	Roll. No	P/A	Sr. No.	Roll. No	P/A
1	AC-01	P	26	AC-62	P	51			76		
2	04	P	27	63	P	52			77		
3	05	P	28	64	P	53			78		
4	06	P	29	68	P	54			79		
5	08	P	30	69	P	55			80		
6	10	P	31	70	P	56			81		
7	11	P	32	76	P	57			82		
8	17	P	33	82	P	58			83		
9	18	P	34	89	P	59			84		
10	20	P	35	93	P	60			85		
11	22	P	36	94	P	61			86		
12	23	P	37	95	P	62			87		
13	24	P	38	96	P	63			88		
14	29	P	39	99	P	64			89		
15	35	P	40	100	P	65			90		
16	36	P	41			66			91		
17	39	P	42			67			92		
18	41	P	43			68			93		
19	43	P	44			69			94		
20	44	P	45			70			95		
21	47	P	46			71			96		
22	48	P	47			72			97		
23	49	P	48			73			98		
24	55	P	49			74			99		
25	60	P	50			75			100		

Number of student present-40 Number of students absent-00 Total students-40

Signature



Shikshan Prasarak Mandal, Anadur's

Jawahar Arts, Science & Commerce College,
Anadur, Tq. Tuljapur, Dist- Osmanabad -413603

INTERNAL QUALITY ASSURANCE CELL

Internal Evaluation 2018-2019

Date- 15/02/2019

Department of Physics

Present-Absent Report of Test/Tutorial

Class: B.Sc. III

Semester: VI, Time:

Name of Paper: Atomic & Molecular Physics Paper No. : XIX, Marks:

Name of Invigilator: Dr. Sankaraj Ramesh

Roll number of present Students	Roll number of absent Students	Total
AC-01, 05, 06, 08, 10, 11, 17, 20, 22, 23, 24, 29, 36, 39, 41, 43, 44, 48, 49, 55, 60, 62, 65, 68, 69, 70, 76, 89, 93, 94, 96, 99, 100	AC-04, 12, 35, 47, 64, 82, 95,	
Total present Students = 33	Total absent Students = 07	

Signature of Invigilator

Co-Ordinator
Coordinator of Internal Evaluation Cell
Jawahar Arts, Science & Commerce College,
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Signature of Principal
College, Ar
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INTERNAL QUALITY ASSURANCE CELL



Internal Evaluation 2018-19

Department of Physics

Name of Teacher: Dr. Sureshchandra Rajmane

Class: B.Sc. III, **Semester:** II, **Name of Paper:** Atomic & molecular physics.
Paper No.: XIX, **Marks Test-10, Tutorial -10, Total-20**

Sr. No.	Roll. No	Test	Tutorial	Total	Sr. No.	Roll. No	Test	Tutorial	Total
1	AC-01	06	09	15	26	AC-62	01	09	10
2	04	Ab	09	09	27	63	02	09	11
3	05	07	08	15	28	64	Ab	09	09
4	06	09	09	18	29	68	03	09	11
5	08	04	09	13	30	69	04	08	12
6	10	03	08	11	31	70	05	07	12
7	11	02	09	11	32	76	02	09	11
8	17	02	08	10	33	82	Ab	09	09
9	18	Ab	09	09	34	89	05	08	13
10	20	02	09	11	35	93	04	09	13
11	22	03	08	11	36	94	03	09	12
12	23	05	09	14	37	95	Ab	09	09
13	24	04	08	12	38	96	05	06	11
14	29	03	09	12	39	99	04	07	11
15	35	Ab	09	09	40	100	03	08	11
16	36	05	09	14	41				
17	39	06	08	14	42				
18	41	07	09	16	43				
19	43	08	09	17	44				
20	44	03	09	11	45				
21	47	Ab	09	09	46				
22	48	05	08	13	47				
23	49	06	09	15	48				
24	55	05	07	12	49				
25	60	03	09	11	50				

Co-Ordinator

Internal Evaluation Cell

Jawahar Arts, Science & Commerce College,
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Jawahar Arts, Science & Commerce
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Tal. Tuljapur, Dist. Osmanabad.

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DEPARTMENT OF PHYSICS

Under the continuous Internal Evaluation (CIE)

Internal Unit Test No. I/II


Academic Year – 2017-18


OUTCOME REPORT OF INTERNAL EXAMINATION

The Department of Physics has conducted internal evaluation exam in the academic year 2017 - 2018 . This unit test of B.Sc. I, II, III year students was based on the syllabus of Sem. I, II, III, IV, V, VI Each Paper Carried 10 marks.

Conclusion:

1. Create the awareness regarding preparation of University exam among students.
2. It supported to develop answer writing skills of students.
3. Students understood the direction for study in the view of university exam.
4. Student got awareness regarding the importance of time in exam.


Head
Department of Physics
Jawahar Arts Science & Commerce College
Anadur, Dist. Osmanabad - 413 603.


Principal
Principal
Jawahar Arts, Science & Commerce College
Anadur, Tal. Tuljapur, Dist. Osmanabad.