




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

DEPARTMENT OF PHYSICS

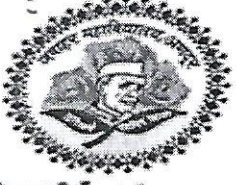
Academic Year – 2018 - 19

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


Principal,
Jawahar Arts, Science and
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 Guru

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

☎ :- (02471) 246037, 24673

दि. १४.०९.२०१८

सूचना

बी.ए./बी.एस्सी./बी.कॉम. (I,II,III) वर्षातीलसर्व 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.

विद्यार्थ्यांचे

अंतर्गत मूल्यमापन समिती

Co-Ordinator

Internal Evaluation Cell

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

प्रचार्य

Principal

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

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

Date & Day	Time	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)	Fin.A/C (06)	Corp .A/C (07)	-----
	12.30-1.10pm	Opt M/H/S/E-I (06/05/15/13)	Opt M/S/H/E VI/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)	P.B.M. (10)	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)	IT (09)	M.M. (10)	I.T. (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)	Entdev (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/B 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/I(4/6)	Maths/B 302/X(9/16)	Eng.Com (18)	IT (10)	A.F.Acc (11)	
	12.30-1.10pm	Pol.Sci/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)	Banking (11)

Note: - Bracketed figure indicates the Hall Number.



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Taluka- Tuljapur Dist- Osmanabad 413603

Internal Evaluation Cell

Test Examination -2018

Class:-.F.Y.B.Sc.
Subject:- Physics
Paper No:-II

Semester:- I
Name of paper:- Heat and
Thermodynamics
Marks :-10

Q.1. Discuss the flow of heat along the wall of a cylindrical tube

OR

Q. 2. Explain the Ingen and Hauz Experiment


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

Internal Evaluation 2018-2019

Date- 19/09/2018

Department of Physics

Presenty Report of Test/Tutorial

Class: Bsc I, Semester: I, Name of Paper: Heat and Thermodynamics
Paper No. : II, Marks

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	71	P	51			76		
2	05	P	27	70	P	52			77		
3	06	P	28	74	P	53			78		
4	09	P	29	76	P	54			79		
5	10	P	30	78	P	55			80		
6	17	P	31	85	P	56			81		
7	18	P	32	88	P	57			82		
8	22	P	33	94	P	58			83		
9	32	A	34	97	P	59			84		
10	45	P	35	102	P	60			85		
11	46	P	36	109	P	61			86		
12	51	P	37	111	P	62			87		
13	40	P	38	115	P	63			88		
14	42	P	39	116	P	64			89		
15	50	P	40	122	P	65			90		
16	58	P	41	124	P	66			91		
17	57	P	42	125	P	67			92		
18	75	P	43	128	P	68			93		
19	62	P	44	129	P	69			94		
20	59	P	45	16	P	70			95		
21	65	P	46	77	P	71			96		
22	64	P	47	AA-	P	72			97		
23	68	P	48	132	A	73			98		
24	60	A	49	69	A	74			99		
25	89	A	50	56	A	75			100		

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College, Anadur,
Tal. Tuljapur, Dist. Osmanabad

Number of student present- 44 Number of students absent- 04 Total students 50

sign



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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: Heat and Thermodynamics Paper No. : II, Marks: 10

Name of Invigilator: D. E. A. B. Kadam

Roll number of present Students	Roll number of absent Students	Total
AA - 04, 05, 06, 09, 10, 17, 18, 22, 45, 46, 51, 40, 42, 50, 58, 57, 75, 62, 59, 65, 64, 68, 71, 70, 74, 76 78, 85, 88, 94, 97, 102, 109, 111, 115, , 116, 122, 124, 125, 128, 129, 16, 69 77 AA-	AA- 32, 56, 60, 89, 132, 69	
Total present Students = 44	Total absent Students = 06	50


Signature of Invigilator


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


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



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Internal Evaluation Cell

Tutorial Examination 18-19

Class:-.F.Y.B.Sc.
Subject:- Physics
Paper No:-II

Semester:- I
Name of paper:- Heat and
Thermodynamics
Marks :-10

Q.1. Derive the relations for the van der waal's gas equation

OR

Q. 2. Write a note on sphere of influence

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INTERNAL QUALITY ASSURANCE CELL



Internal Evaluation 2028 -2019

Department of Physics

Name of Teacher: Dr. A. B. Kadam

Class: B. Sci, Semester: I, Name of Paper: Heat and Thermodynamics
Paper No.: II, Marks Test-10, Tutorial -10, Total 20

Sr. No.	Roll. No	Test	Tutorial	Total	Sr. No.	Roll. No	Test	Tutorial	Total
1	AA-04	09	8	17	26	71	9	9	18
2	05	9	8	17	27	70	9	9	18
3	06	9	9	18	28	74	8	8	16
4	09	9	8	17	29	76	8	8	16
5	10	9	8	17	30	78	9	7	16
6	17	8	Ab.	8	31	85	9	7	16
7	18	7	10	17	32	88	7	7	14
8	22	8	10	18	33	94	7	7	14
9	32	Ab	Ab	Ab	34	97	7	7	14
10	45	9	10	19	35	102	9	9	18
11	46	8	9	17	36	109	5	10	15
12	51	9	8	17	37	111	9	9	18
13	40	8	8	16	38	115	9	9	18
14	42	8	9	17	39	116	5	6	11
15	50	7	9	16	40	122	5	5	10
16	58	07	Ab.	07	41	124	7	7	14
17	57	7	7	14	42	125	7	Ab	7
18	75	6	6	12	43	128	6	10	16
19	62	6	5	11	44	129	6	10	16
20	59	9	Ab.	9	45	16	8	8	16
21	65	8	8	16	46	77	8	8	16
22	64	8	8	16	47	AA	8	8	16
23	68	9	9	18	48	132	Ab	10	10
24	60	Ab	10	10	49	69	Ab	10	10
25	89	Ab	10	10	50	56	Ab	Ab	Ab

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Internal Evaluation Cell

Test Examination 18-19

Class:-.S.Y.B.Sc.
Subject- Physics
Paper No-

Semester:-III
Name of Paper:-Mathematical
statistical physics and relativity
Marks:-10

Q.1. Calculate the kinetic energy of an electron moving with a velocity of 0.9 times have a velocity of light in the laboratory system

OR

Q. 2. Derive the formula for the relativistic addition velocities

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INTERNAL QUALITY ASSURANCE CELL

Internal Evaluation 2018-2019

Date- 18/09/2018

Department of Physics

Presenty Report of Test/Tutorial

Class: B.Sc II, Semester: III, Name of Paper: Mathematical statistical physics
Paper No. : VII, Marks 10 & Relativity

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	A	26	99	P	51			76		
2	16	P	27	100	P	52			77		
3	19	P	28	101	P	53			78		
4	21	P	29	112	P	54			79		
5	22	P	30	114	A	55			80		
6	28	P	31	115	P	56			81		
7	33	P	32	116	P	57			82		
8	34	P	33	118	P	58			83		
9	37	P	34	119	A	59			84		
10	43	A	35	102	A	60			85		
11	45	P	36			61			86		
12	49	P	37			62			87		
13	51	P	38			63			88		
14	53	A	39			64			89		
15	52	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	A	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		

Jawahar Arts, Science & Commerce
College, Anadur

Tal. Tuljapur, Dist. Osmanabad

Number of student present-28 Number of students absent-07 Total students-35

Principal
sign



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Jawahar Arts, Science & Commerce College,
Anadur, Tq. Tuljapur, Dist- Osmanabad -413603
INTERNAL QUALITY ASSURANCE CELL

Internal Evaluation 2018-2019

Date-18/09/2018

Department of PHYSICS

Present-Absent Report of Test/Tutorial

Class: B.Sc. II

Semester: III, Time:

Name of Paper: Mathematical, Statistical physics Paper No. VII, Marks: 10
and Relativity.

Name of Invigilator: Dr. A. B. Kadam.

Roll number of present Students	Roll number of absent Students	Total
AB - 16, 19, 21, 22, 28, 33, 34, 37, 45, 49, 51, 52, 55, 61, 62, 72, 73, 85, 91, 94, 95, 99, 100, 101, 112, 115, 116, 118	AB - 01, 43, 53, 83, 102, 114, 119	35
Total present Students = 28	Total absent Students = 07	35


Signature of Invigilator


Co-Ordinator
Internal Evaluation Cell


Principal

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



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INTERNAL QUALITY ASSURANCE CELL



Internal Evaluation 2028-2019

Department of Physics

Name of Teacher: Dr. A. B. Kadam

Class: B.Sc II, Semester: III, Name of Paper: mathematical, statistical physics
 Paper No.: NIT, Marks Test-10, Tutorial -10, Total-20 Relativity

Sr. No.	Roll. No	Test	Tutorial	Total	Sr. No.	Roll. No	Test	Tutorial	Total
1	AB-01	Ab	8	8	26	99	9	8	17
2	16	8	8	16	27	100	9	8	17
3	19	8	8	16	28	101	8	9	17
4	21	8	10	18	29	112	8	9	17
5	22	8	10	18	30	114	Ab	9	9
6	28	7	10	17	31	115	8	9	17
7	33	7	7	14	32	116	8	10	18
8	34	7	7	14	33	118	9	7	16
9	37	9	9	18	34	119	Ab	10	10
10	43	Ab	9	9	35	102	Ab	10	10
11	45	9	10	19	36				
12	49	9	10	19	37				
13	51	10	8	18	38				
14	53	Ab	8	8	39				
15	52	9	8	17	40				
16	55	9	9	18	41				
17	61	8	9	17	42				
18	62	8	8	16	43				
19	72	8	8	16	44				
20	73	7	8	15	45				
21	83	Ab	7	7	46				
22	85	7	7	14	47				
23	91	5	5	10	48				
24	94	5	5	10	49				
25	95	6	6	12	50				



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Jawahar Arts, Science and Commerce College ,Anadur

Taluka- Tuljapur, Dist- Osmanabad 413603

Internal Evaluation Cell

Test Examination 18-19

Class:-T.Y.B.Sc.

Subject- Physics

Paper No:- XVI

Semester:-V

Name of paper:-Electrodynamics

Marks:- 10

Q.1. Derive an expression of electromagnetic wave in conducting medium using the Maxwell's equation

OR

Q. 2. Explain the polarization of electromagnetic waves


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

INTERNAL QUALITY ASSURANCE CELL

Internal Evaluation 2018-2019

Date- (8/09/2018)

Department of Physics

Presenty Report of Test/Tutorial

Class: B.Sc III, Semester: V, Name of Paper: Electrodynamics
Paper No. XVI Marks

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	A	26	63	A	51			76		
2	04	P	27	64	P	52			77		
3	05	P	28	66	P	53			78		
4	06	P	29	68	P	54			79		
5	08	P	30	69	P	55			80		
6	10	A	31	70	P	56			81		
7	11	P	32	76	A	57			82		
8	17	P	33	82	P	58			83		
9	18	P	34	89	A	59			84		
10	20	P	35	93	P	60			85		
11	22	P	36	94	P	61			86		
12	24	P	37	95	P	62			87		
13	29	A	38	96	P	63			88		
14	35	P	39	99	P	64			89		
15	36	P	40	100	A	65			90		
16	39	P	41			66			91		
17	41	P	42			67			92		
18	43	P	43			68			93		
19	44	P	44			69			94		
20	47	P	45			70			95		
21	48	A	46			71			96		
22	49	P	47			72			97		
23	55	P	48			73			98		
24	60	P	49			74			99		
25	62	A	50						100		

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

Number of student present-31 Number of students absent-09 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- 18/09/2018

Department of PHYSICS

Present-Absent Report of Test/Tutorial

Class: B.Sc III

Semester: V, Time:


Name of Paper: Electrodynamics

Paper No. XVI Marks: 10

Name of Invigilator: Dr. A. B. Kadam

Roll number of present Students	Roll number of absent Students	Total
AC- 04, 05, 06, 08, 11, 17, 18, 20, 22, 23, 24, 35, 36, 39, 41, 43, 44, 47, 49, 55, 60, 64, 68, 69, 70, 82, 93, 94, 95, 96, 99	AC- 01, 10, 29, 48, 62, 63, 76, 89, 100	40
Total present Students = 31	Total absent Students = 09	40


Signature of Invigilator


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


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



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Jawahar Arts, Science and Commerce College ,Anadur

Taluka- Tuljapur, Dist- Osmanabad 413603

Internal Evaluation Cell

Tutorial Examination 18-19

Class:-T.Y.B.Sc.

Subject- Physics

Paper No:- XVI

Semester:-V

Name of paper:-Electrodynamics

Marks:- 10

Q.1. State Maxwell's equation for electromagnetic waves in conducting medium . Hence derive wave equation

OR

Q. 2. What do you mean by the plane polarized electromagnetic waves? obtain the solution for electric and magnetic component

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INTERNAL QUALITY ASSURANCE CELL



Internal Evaluation 2018-2019

Department of Physics

Name of Teacher: Dr. A. B. Kadam

Class: B.Sc III, Semester: V, Name of Paper: Electrodynamics,
Paper No. XVI, Marks Test-10, Tutorial -10, Total-20

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

(Signature)



दुरितांघे लिमिर जाग्ये !
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 Chanshetti (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

अंतर्गत मूल्यमापन समिती
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.

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

Date & Day	Time	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
15/02/2019 Friday	10.00-10.40am	Eng.Com II (18)	S.L./M/H/S (05/06/18)	-----	Eng.Com II (04)	S.L./M/H/S (06/05/07)	-----	-----	S.L./M/H/S (05/06/18)	-----
	10.50-11.30am	S.L./M/H/S II (06/05/04)	Eng.Com (18)	Main M/H/S/E- XV (04) His/Eco/Geo/Pol/Soc XV-(5/6)	S.L./M/H/S II (06/05/04)	Eng.Com (07)	-----	S.L./M/H/S (06/05/04)	-----	-----
	11.40-12.20pm	-----	Opt M/S/H/E VII/VIII/IV/V (6/9/10/11)	Main M/H/S/E- XVI (09) His/Eco/Geo/Pol/Soc XVI-(05)	-----	Che-IX (18)	Phy/Zoo XIX (04)	ITAB (09)	Acc (07)	-----
	12.30-1.10pm	Opt M/H/S/E-III (06/05/15/13)	Opt M/S/H/E VIII/VIII/V/V (5/6/7/9)	Opt M/S/H/E XIII/XIII/VI/VI (16)	Che-IV (07)	Che-X (18)	Phy/Zoo XX (04)	B.M.S. (09)	PBM (10)	Cost. Acc (11)
	1.20-2.00pm	Opt M/H/S/E-IV (06/05/15/13)	His/Eco/Geo VIII/VIII (9/17/18)	Opt M/S/H/E XIV/XIV/VII/VII (7)	Che V (07)	Phy/Zoo XI (04)	Maths/Bot 501/XIX (12/16)	Fin.Acc (09)	M.M. (10)	I.T. (11)
	10.00-10.40am	Eco/Geo-III (06/05)	His/Eco/Geo VIII/IX (09/17/18)	His/Eco/Geo XIII/IXX (14/15)	Phy/Zoo IV (07/04)	Phy/Zoo XII (07/04)	Maths Bot 502/XX (12/16)	B.Entren. (09)	I.T. (10)	Audit (11)
16/02/2019 Saturday	10.50-11.30am	Eco/Geo IV (06/05)	Pol.Sci/Soci-VII (07/09)	His/Eco/Geo - XIV (06/09/17)	Phy/Zoo V (07/04)	Maths/Bot 301/XI (07/04)	BOM (09)	B.R.F. (10)	M.Acc (11)	
	11.40-12.20pm	Pol.Sci/Soci/Hist III (05/08/06)	Pol.Sci/Soci-VIII (04/09)	Pol.Sci/Soci -XIII (4/9)	Maths/Bot 201/IV (4/6)	Maths/Bot 302/XII (9/16)	Eng.Com (18)	GST (10)	A.F.Acc (11)	
	12.30-1.10pm	Pol./Soci/His IV (05/08/06)	-----	Pol.Sci/Soci-XIV (05/08)	Maths/Bot 202/V (4/6)	Maths 303(09)	Che-XVII (07)	-----	Eng. Comp(18)	Insu (11)

Note: - Bracketed figure indicates the Hall Number.


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Taluka- Tuljapur Dist- Osmanabad 413603

Internal Evaluation Cell

Test Examination 18-19

Class:- F.Y.B.Sc.
Subject- Physics
Paper No-

Semester-II
Name of Paper- Electricity & Magnetism

Marks:-10

Q.1. Define the gradient of scalar function. Give geometrical interpretation of $\nabla \phi$

OR

Q. 2. What is a vector product of two vectors .Give the properties of the cross product of vectors



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INTERNAL QUALITY ASSURANCE CELL

Internal Evaluation 2018-2019

Date- 16/02/2019

Department of Physics

Presenty Report of Test/Tutorial

Class: B.Sc I, Semester: II, Name of Paper: Electricity & magnetism
Paper No. : V, 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	59	P	51			76		
2	05	P	27	65	P	52			77		
3	06	P	28	70	A	53			78		
4	09	P	29	76	P	54			79		
5	10	P	30	59	P	55			80		
6	18	P	31	65	P	56			81		
7	22	P	32	74	P	57			82		
8	45	P	33	78	P	58			83		
9	17	A	34	85	P	59			84		
10	46	P	35	76	A	60			85		
11	32	P	36	94	A	61			86		
12	40	P	37	88	P	62			87		
13	42	P	38	89	P	63			88		
14	50	P	39	97	P	64			89		
15	58	P	40	102	P	65			90		
16	57	P	41	109	P	66			91		
17	51	A	42	111	P	67			92		
18	56	P	43	115	P	68			93		
19	75	P	44	116	P	69			94		
20	60	A	45	125	P	70			95		
21	64	A	46	128	P	71			96		
22	68	A	47	129	P	72			97		
23	71	A	48	16	P	73			98		
24	75	P	49	69	P	74			99		
25	62	P	50	77	P	75			100		

PRINCIPAL

Jawahar Arts, Science & Commerce
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Number of student present- 36 Number of students absent- 1 Total students 50

sign



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INTERNAL QUALITY ASSURANCE CELL

Internal Evaluation 2018-2019

Date- 16/09/2019

Department of Physics

Present-Absent Report of Test/Tutorial

Class: B.Sc I,

Semester: II, Time:

Name of Paper: Electricity and Magnetism. Paper No. V, Marks: 10

Name of Invigilator: _____

Roll number of present Students	Roll number of absent Students	Total
AA - 05, 06, 04, 09, 10, 18, 22, 45, 46, 32, 40, 42, 50, 58, 57 75, 62, 59, 65, 74, 78, 85, 88, 89, 97, 102, 109, 111, 115, 116, 125, 128, 129, 16, 69, 77, AA -	AA - 17, 51, 56, 60, 64, 68, 71, 70, 76, 94, 122, 124 132, AA -	50
Total present Students = 36	Total absent Students = 14	50

Signature of Invigilator

Co-Ordinator
Internal Evaluation Cell

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Principal

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Internal Evaluation Cell

Tutorial Examination 18-19

Class:-F.Y.B.Sc.
Subject- Physics
Paper No-

Semseter-II
Name of Paper- Electricity & Magnetism

Marks:-10

Q.1. derive an expression for Gauss law of dielectric

OR

Q. 2. Two small charged bodies are placed in 5 cm apart in air one body has a charge of 6esu and the other is having 20 esu what will be the force between them .

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INTERNAL QUALITY ASSURANCE CELL



Internal Evaluation 2018-2019

Department of Physics

Name of Teacher: Dr. A.B. Kadam

Class: B.Sc I, Semester: II, Name of Paper: Electricity and magnetism
 Paper No. : V, Marks Test-10, Tutorial -10, Total-20

Sr. No.	Roll. No	Test	Tutorial	Total	Sr. No.	Roll. No	Test	Tutorial	Total
1	AA-05	8	8	16	26	59	9	8	17
2	06	8	8	16	27	65	9	8	17
3	04	8	8	16	28	70	Ab	Ab	Ab
4	09	8	8	16	29	76	8	10	18
5	10	7	5	12	30	59	8	10	18
6	18	7	7	14	31	65	7	6	13
7	22	7	7	14	32	74	7	7	14
8	45	7	7	14	33	78	7	7	14
9	17	Ab	Ab	Ab	34	85	6	6	12
10	46	7	7	14	35	76	Ab	Ab	Ab
11	32	6	6	12	36	94	Ab	8	8
12	40	6	6	12	37	88	9	8	17
13	42	9	9	18	38	89	9	9	18
14	50	9	9	18	39	97	9	6	15
15	58	9	9	18	40	102	8	6	14
16	57	8	10	18	41	109	8	5	13
17	51	Ab	10	10	42	111	8	5	13
18	56	9	9	18	43	115	8	8	16
19	75	8	10	18	44	116	7	5	12
20	60	Ab	10	10	45	125	7	9	16
21	64	Ab	10	10	46	128	7	10	17
22	68	Ab	7	7	47	129	5	10	15
23	71	Ab	7	7	48	16	6	10	16
24	75	8	8	16	49	169	9	9	18
25	62	8	8	16	50	77	10	9	19

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Internal Evaluation Cell

Test Examination18-19

Class:-.S.Y.B.Sc.

Subject- Physics

Paper No:-

Semester:-IV

Name of paper:-solid state physics

Marks:- 10

Q.1. Explain the Brillouin Zone in 1D and 2D with figure

OR

Q. 2. Explain wave vector relationship with the neat diagram



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INTERNAL QUALITY ASSURANCE CELL

Internal Evaluation 2018-2019

Date-16/02/19

Department of Physics

Presenty Report of Test/Tutorial

Class: B.Sc II, Semester: IV, Name of Paper: Solid state Physics
Paper No. : XII, 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	A	26	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	A	54			79		
5	22	P	30	114	A	55			80		
6	28	P	31	112	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	A	35	119	A	60			85		
11	45	P	36			61			86		
12	49	A	37			62			87		
13	51	P	38			63			88		
14	53	A	39			64			89		
15	52	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	A	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		

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

Number of student present-27 Number of students absent-8 Total students-35

sign



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

INTERNAL QUALITY ASSURANCE CELL

Internal Evaluation 20182019

Date- 18/09/2019

Department of Physics

Present-Absent Report of Test/Tutorial

Class: B.Sc.II

Semester: IV, Time:

Name of Paper: Solid state Physics

Paper No. : XII, Marks: 10

Name of Invigilator: Dr. A. B. Kadam

Roll number of present Students	Roll number of absent Students	Total
AB- 16, 19, 21, 22, 28, 33, 34, 37, 45, 51, 52, 55, 61, 62, 72, 73, 85, 91, 94, 95, 99 100, 101, 112, 115, 116, 118	AB- 01, 43, 49, 53, 83, 102, 114, 119	35
Total present Students = 27	Total absent Students = 08	35

Signature of Invigilator Dr. A. B. Kadam
Coordinator of Internal evaluation cell
Jawahar Arts, Science & Commerce College,
Anadur, Tq.- Tuljapur, Dist.- Osmanabad.

Co-Ordinator
Internal Evaluation Cell

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



Shikshan Prasarak Mansal's, Anadur

Jawahar Arts, Science and Commerce College ,Anadur

Taluka- Tuljapur, Dist- Osmanabad 413603

Internal Evaluation Cell

Tutorial Examination 18-19

Class:-.S.Y.B.Sc.

Subject- Physics

Paper No:-

Semester:-IV

Name of paper:-solid state physics

Marks:- 10

Q.1. Find out the number of co-valent bond form in each homopolar molecules H_2, Cl_2, N_2 and O_2

OR

Q. 2. Explain kronig-penny model.

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INTERNAL QUALITY ASSURANCE CELL**



Internal Evaluation 2018-2019

Department of Physics

Name of Teacher: Dr. A.B. Kadam

Class: B.Sc II, Semester: IV, Name of Paper: Solid State Physics
Paper No.: VII, Marks Test-10, Tutorial -10, Total-20

Sr. No.	Roll. No	Test	Tutorial	Total	Sr. No.	Roll. No	Test	Tutorial	Total
1	AB-01	Ab	8	8	26	99	9	9	18
2	16	8	8	16	27	100	9	8	17
3	19	9	9	18	28	101	8	8	16
4	21	9	8	17	29	102	Ab	8	8
5	22	9	8	17	30	112	8	8	16
6	28	8	8	16	31	114	Ab	9	9
7	33	8	8	16	32	115	8	8	16
8	34	8	6	14	33	116	8	8	16
9	37	8	6	14	34	118	7	7	14
10	43	Ab	Ab	Ab	35	119	Ab	7	7
11	45	7	7	14	36				
12	49	Ab	7	7	37				
13	51	7	8	15	38				
14	53	Ab	8	8	39				
15	52	7	7	14	40				
16	55	7	7	14	41				
17	61	7	7	14	42				
18	62	6	6	12	43				
19	72	6	6	12	44				
20	73	6	6	12	45				
21	83	Ab	9	9	46				
22	85	5	5	10	47				
23	91	7	7	14	48				
24	94	7	7	14	49				
25	95	9	9	18	50				

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Taluka- Tuljapur, Dist- Osmanabad 413603

Internal Evaluation Cell

Test Examination 18-19

Class:-.S.Y.B.Sc.

Subject- Physics

Paper No:- XX

Semester:-VI

**Name of paper:-Non- Conventional
energy sources and optical fibre**

Marks:- 10

Q.1. Write a short note on the plastic fibre

OR

Q. 2. discuss the halide and tapered fibres


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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 III, Semester: VI, Name of Paper: Nonconventional Energy Sources
Paper No. : _____, Marks 10 and optical fiber

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	A	26	63	A	51			76		
2	04	P	27	64	P	52			77		
3	05	P	28	66	P	53			78		
4	06	P	29	68	P	54			79		
5	08	P	30	69	P	55			80		
6	10	A	31	70	P	56			81		
7	11	P	32	76	A	57			82		
8	17	P	33	82	P	58			83		
9	18	P	34	89	A	59			84		
10	20	P	35	93	P	60			85		
11	22	P	36	94	P	61			86		
12	24	P	37	95	P	62			87		
13	29	A	38	96	P	63			88		
14	35	A	39	99	P	64			89		
15	36		40	100	A	65			90		
16	39	P	41			66			91		
17	41	P	42			67			92		
18	43	P	43			68			93		
19	44	P	44			69			94		
20	47	P	45			70			95		
21	48	A	46			71			96		
22	49	P	47			72			97		
23	55	P	48			73			98		
24	60	P	49			74			99		
25	62	A	50			75			100		

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Jawahar Arts, Science & Commerce
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Number of student present-30 Number of students absent-10 Total students-40



Shikshan Prasarak Mandal, Anadur's

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INTERNAL QUALITY ASSURANCE CELL

Internal Evaluation 2018-2019

Date- 18/09/2019.

Department of Physics

Present-Absent Report of Test/Tutorial

Class: B.Sc III

Semester: VI, Time:

Name of Paper: Non-conventional energy

Paper No. XX, Marks: 10

Name of Invigilator: Dr. A. B. Kadam

Roll number of present Students	Roll number of absent Students	Total
AC- 04, 05, 06, 08, 11, 17, 18, 20, 22, 23, 24, 36, 39, 41, 43, 44, 47, 49, 55, 60, 64, 68, 69, 70, 82, 93, 94, 95, 96, 99	AC- 01, 10, 29, 35, 48, 62, 63, 76, 89, 100	40
Total present Students = 30	Total absent Students = 10	40

Signature of Invigilator

Co-Ordinator
Internal Evaluation Cell

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

Principal

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



Shikshan Prasarak Mansal's, Anadur

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Internal Evaluation Cell

Tutorial Examination 18-19

Class:-.S.Y.B.Sc.

Subject- Physics

Paper No:- XX

Semester:-VI

Name of paper:-Non- Conventional
energy sources and optical fibre

Marks:- 10

Q.1. write short note on HPSUV and HPSIR

OR

Q. 2. Write a short note on lead acid battery

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Shikshan Prasarak Mandal, Anadur's
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INTERNAL QUALITY ASSURANCE CELL



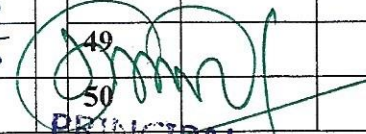
Internal Evaluation 2018 -2019

Department of Physics

Name of Teacher: Dr. A.B. Kadam

Class: B.Sc.III, Semester: VI, Name of Paper: Nonconventional Energy sources ^{Optical fiber}
 Paper No. : XX, Marks Test-10, Tutorial -10, Total-20

Sr. No.	Roll. No	Test	Tutorial	Total	Sr. No.	Roll. No	Test	Tutorial	Total
1	AC01	Ab	9	9	26	63	Ab	9	9
2	04	9	8	17	27	64	9	9	18
3	05	9	8	17	28	68	9	7	16
4	06	9	8	17	29	69	6	10	16
5	08	9	8	17	30	70	6	10	16
6	10	Ab	8	8	31	76	Ab	10	10
7	11	8	7	15	32	82	5	10	15
8	17	8	7	15	33	89	Ab	7	7
9	18	7	10	17	34	93	9	7	16
10	20	7	10	17	35	94	8	7	15
11	22	6	10	16	36	95	8	8	16
12	24	6	10	16	37	96	8	8	16
13	29	Ab	9	9	38	99	8	8	16
14	35	Ab	10	10	39	100	Ab	Ab	Ab
15	36	7	8	15	40				
16	39	8	10	18	41				
17	41	8	8	16	42				
18	43	9	9	18	43				
19	44	9	8	17	44				
20	47	9	10	19	45				
21	48	Ab	10	10	46				
22	49	9	10	19	47				
23	55	7	9	16	48				
24	60	7	8	15	49				
25	62	Ab	9	9	50				


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 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. 01 / 02 (Sem)

Academic Year – 2018 - 19

OUTCOME REPORT OF INTERNAL EXAMINATION

The Department of Physics has conducted internal evaluation examination in the academic year 2018 - 2019 . This unit test of B.Sc. I, II, III year students was based on the syllabus of Sem. I/II. Each Paper Carried 30 marks.

Conclusion:

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


Head,
Head

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


Principal

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