Department of Mathematics

Date: 1 /07/ 2019

Notice

All the faculty members of Mathematics Department are hereby informed that a meeting of our department will be held on day 1/07 / 2019 under the chairmanship of our head Shri. S. D. Agalave to discuss the following agenda. So everyone should attend on time.

Agenda for meeting:

1. To read and confirm the Proceeding of last meeting.

2. To read and confirm the certificate course.

3. To discuss and design the stricter of certificate course.

4. To prepare and frame the syllabus of certificate course.

5. To formulate the BOS.

6. To prepare the Time-Table of certificate course.

7. To conduct other activities regarding the course.

8. Timely topics with the permission of chairperson.

HOD

SHRI. AGALAVE S. D.
Head, Department of Mathematics
Jawahar Arts, Science & Commerce College
Anadur, Dist. Osmanabad - 413 603

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

Department of Mathematics

Date: 1/07/2019

Proceeding of Mathematics Departmental Meeting

Today 01 / 07 /2019 a meeting was held in department of Mathematics under the chairperson Shri. S. D. Agalave (HOD). In this meeting discussion made on how to conduct the certificate course in **Essential Mathematics for Competitive Exam**. All faculties are unanimously agreed to run this certificate course for UG students. Discussion was successful regarding to construct the syllabus, timetable, the nature of Question paper and the said course admission form. All faculties assured each other to give healthy contribution for running this course and all other efforts needed. Finally all faculties are firmly decided to construct the syllabus, timetable, sample question paper and admission form and convey to Hon. Principal for further approval from Local Management Committee.

- Shri. S. D. Agalave
- Smt.M. N. Gadsing

Principal

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

Department of Mathematics

To,

The Principal,
JASC College, Anadur.
Tq. Tuljapur, Dist. Osmanabad.

Sub: To get the permission to Mathematics department to conduct the certificate course in **Essential Mathematics for Competitive Exam**for academic year 2019-20.

Dear Sir,

With reference to above cited subject I am kindly informing you that a departmental meeting of Mathematics was held on date 01 /07 /2019, in this meeting all faculty are unanimously decided to conduct a certificate course in **"Essential Mathematics for Competitive Exam"** during this academic year 2019-20. In this meeting we all faculty also make an action plan to run this certificate course with all necessary formalities. So we all the Mathematics faculty are requesting to you give us approval for said courses.

Attached:

- Departmental proceeding
- Time-Table
- Syllabus
- Question Paper Pattern
- Admission form

Shri. S. D. Agalave (HOD), Agalave

Smt.M. N. Gadsing   Principal

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Tal. Tuljapur, Dist. Osmanabad

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)
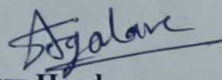(M.Sc., M.Phil. Ph.D)

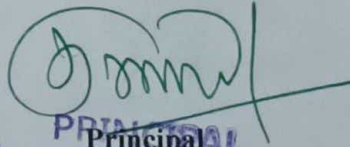Ph.: (02471) 246037, 246737

Ref. : JMA/

Date : 01/07/2019

Department of Mathematics

Conducting Co-curricular course

"Essential Mathematics for Competitive Exam"

1. Name of Department: **Mathematics**

2. Type of Programme: **Value added / skill based certificate course**

3. Title of Programme: **Certificate course in "Essential Mathematics for Competitive Exam"**

4. Name of Co-ordinator: Shri. S. D. Agalave

5. Faculty offered: **B.Sc. II**

6. Name of Teachers: Shri. S. D. Agalave

Smt. M. N. Gadsing

7. Duration: **30 hours**

Head

SHRI. AGALAVE S. D.
Head, Department of Mathematics
Jawahar Arts, Science & Commerce College
Anadur, Dist. Osmanabad - 413 603

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

To,

The Head,

Department of Mathematics

Jawahar ASC College, Anadur,

Tq. Tuljapur, Dist. Osmanabad.

Subject: **Approval to conduct the certified course for students of science.**

As per the decision taken in Local Management Committee, you are directed to conduct the Certificate course in **Essential Mathematics for Competitive Exam**in your department for the students of our college. The course should be of 30 hours and be conducted in the academic year 2019-20.

Convey your timetable of the said course to the timetable committee so as to avoid any overlapping of lecturers.

P. Principal

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

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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)   Ph.: (02471) 246037, 246737
(M.Sc., M.Phil, Ph.D)

Ref. : JMA/   Date : 22/07/2019

To,

1}Shri. S. D. Agalave   2}Shri. H. S. Bhosale

Ad-hoc Board in Mathematics Ad-hoc Board in Mathematics

    JASC College, Anadur,   Shrikrushna Mahavidyalaya, Gunjoti

Tq. Tuljapur, Dist. Osmanabad   Tq. Omerga, Dist. Osmanabad.

Mob:9921326637   Mob: 9422467639

3}Smt. M. N. Gadsing   4}Shri N. B. Jadhav

Ad-hoc Board in Mathematics   Ad-hoc Board in Mathematics

    JASC College, Anadur,   Y. C. College, Tuljapur,

Tq. Tuljapur, Dist. Osmanabad.   Tq. Tuljapur, Dist. Osmanabad

Mob: 9421357945   Mob:9421353759

Subject: Constitution of Ad-hoc Board in Mathematics (Certificatecourse in Essential

Mathematics for Competitive Exam)

Sir/Madam,

     I am to inform you're that the Hon'ble Principal is pleased to nominate you as a Member/Chairman on the Ad-hoc Board in Mathematicsfor year 2019-20as per provision statute-159 of the university act.

     While requesting you to accept this invitation to work on the Ad-hoc Board. I do realize your busy moments in your own field. Yet in view of your expertise in the subject. I shall be thankful if you accept the membership of the Ad-hoc Board for enriching the academic standards of the university through your valuable contribution.

     Your appointment shall be governed by and subject to the provisions of the Maharashtra Public University Act, 2016 as amended from time to time.

     Kindly communicate your acceptance at the earliest.

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

Date: 25/07/2019

BOS Meeting Proceeding

As per requested all BOS member are gathered together to discuss regarding the syllabus of certificate course in **Essential Mathematics for Competitive Exam**going to conduct by department of Mathematicsduring the academic year 2019-20. In this meeting under the chairperson of head of department Shri. S. D. Agalave, discussion made on designing syllabus as well as how to implement the said course smoothly and fruitful. All members put their view and finally decided the syllabus, duration of one month regular with day to day activities. After vote of thanks expressed by Smt. M. N. Gadsing, the said meeting is over.

Smt. M. N. Gadsing   Shri. H. S. Bhosale   Shri N. B. Jadhav

Head   Principal

SHRI. AGALAVE S. D.
Head, Department of Mathematics
Shri. S. D. Agalave
Jawahar Arts, Science & Commerce College
Anadur, Dist. Osmanabad - 413 603

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College, Anadur,
Tal. Tuljapur, Dist. Osmanabad.

Department of Mathematics

Syllabus of Certificate Course in "Essential Mathematics For Competitive Exam"

Chapter 1. Number System :

Natural number, Whole number, Integers, Rational Numbers, Irrational numbers, Real numbers, Prime and Composite numbers, Divisibility. [07 periods]

Chapter 2. G. C.D. and L. C. M. :

Factors, Common factors, prime factors, Divisor, Multiple, greatest common divisor, least common multiple, Methods of finding. L. C. M., Some examples. [10 periods]

Chapter 3. Fractions and Decimal Fractions :

Introduction, Classification of fraction, Equivalent fractions, Simple and complex fractions, Comparing fractions,Operations on fractions, Decimal fractions, Types of decimals, Operations of Decimals. [07 periods]

Chapter 4. Square Roots and Cube Roots :

Definition of square root, Properties of square root, method of finding square root, Definition of cube root, method of finding cube root.[06 periods]

SHRI. AGALAVE S. D.
Head, Department of Mathematics
Jawahar Arts, Science & Commerce College
Anadur, Dist. Osmanabad - 413 603

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Tal. Tuljapur, Dist. Osmanabad.

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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)   Ph.: (02471) 246037, 246737
(M.Sc., M.Phil. Ph.D)

Ref. : JMAJ   Date : 1|8|2019

Notice

All the students of B. Sc, II are hereby informed that the Department of Mathematics is going to conduct a value added / skill based certificate course in **"Essential Mathematics for Competitive Exam"** during this academic year 2019-20 from 16 /08 /2019 to 27/09 /2019 (30 hours).

The interested students may enrol their name with Shri. S. D. Agalaveat department of Mathematicsbefore 14 / 08 /2019 .

Shri. S. D. Agalave

Head and Co-coordinator

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Tal. Tuljapur, Dist. Osmanabad.

Department of Mathematics

Certificate Course inEssential Mathematics for Competitive Exam

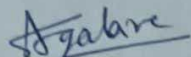**Student registration form (2019-20)**

Name of Student: --

Class and Roll No: --

Contact No: --

Email address: --

Corresponding Address: --

~~Signature of Student~~

Signature of student

Agalave

Shri. S. D. Agalave
Head and Co-coordinator

PRINCIPAL
Principal
Jawahar Arts, Scie... ommerce
College, An...
Tal. Tuljapur, Dist. Osmanabad.

ShikshanPrasarakMandal, Anadur's

Jawahar Arts, Science & Commerce College,
Anadur, Tq. Tuljapur, Dist. Osmanabad -413603
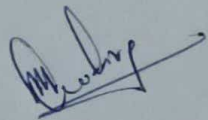
Department of Mathematics
Certificate Course in Essential Mathematics for Competitive Exam
Enrolment List of Students 2019-20

Sr. No	Roll No.	Name of Student	Class	Mobile No.
1	AB-79	AlureDhiraj Deepak	B. Sc.II	8662003132
2	AB-38	ArgeDipakRajendra	B. Sc.II	7773992164
3	AB-31	Ku. BagwanAabedaMahebub	B. Sc.II	9970168837
4	AB-30	Ku. BagwanArjumandMahebub	B. Sc.II	9970168837
5	AB-52	BalsureAkashShesherao	B. Sc.II	7887412096
6	AB-51	BansodeKunalRajkumar	B. Sc.II	9112727367
7	AB-35	Ku. BogePallaviJeewan	B. Sc.II	8551925425
8	AB-28	BirajdarGurshiddhappa	B. Sc.II	9921745389
9	AB-59	BirajdarOmkarBaliram	B. Sc.II	7378366952
10	AB-43	ChavanRohitShubhash	B. Sc.II	8007843732
11	AB-69	Ku. ChavanSapana Suresh	B. Sc.II	9960408364
12	AB-63	Chavan Suresh Rajendra	B. Sc.II	9657656780
13	AB-95	Chavan Vishal Shankar	B. Sc.II	9588664392
14	AB-34	Ku. DarekarRenuka Ram	B. Sc.II	9921866208
15	AB-98	Ku. Desai Amruta Anil	B. Sc.II	—
16	AB-18	DhumalUtkarshAvinash	B. Sc.II	8788633137
17	AB-19	EdakeRavindraRajendra	B. Sc.II	9156802963
18	AB-37	Ku. GanganeParwati Ram	B. Sc.II	9850407447
19	AB-41	GhugeAbhayManohar	B. Sc.II	9689134189
20	AB-66	GhugeUttamAbhishek	B. Sc.II	8007843732

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Tal. Tuljapur, Dist. Osmanabad.

21	AB-42	GhugeAkshay Shankar	B. Sc.II	9130902988
22	AB-62	GhugeAnnasaheb Prakash	B. Sc.II	9112926640
23	AB-61	GhugeAvadhutDattatray	B. Sc.II	9604621406
24	AB-86	Ku. GhugePriyankaBalaji	B. Sc.II	9665393434
25	AB-89	GhugeSanketArasrao	B. Sc.II	7083118340
26	AB-81	GhugreApparaoBasavraj	B. Sc.II	9657241035
27	AB-60	GunjoteSharnappaDanraj	B. Sc.II	8806935006
28	AB-65	HagalgundeRameshwarKhandu	B. Sc.II	9420203870
29	AB-92	HalungudeNitinAndoba	B. Sc.II	8007843732
30	AB-56	Ku. HingmireAmbika Prakash	B. Sc.II	9850407447
31	AB-27	HogadeAnandHanmant	B. Sc.II	9850407447
32	AB-24	HukireShubhamRajendra	B. Sc.II	9325604443
33	AB-32	Ku. Jadhav AishwaryaAmbanna	B. Sc.II	9168404792
34	AB-39	Jadhav Sachin Shankar	B. Sc.II	9860277256
35	AB-12	Ku. Jadhav ShitalChilesh	B. Sc.II	9146688067
36	AB-33	Ku. Jadhav ShobhaAmbanna	B. Sc.II	8380989903
37	AB-22	JalkoteBhimashankar Anil	B. Sc.II	9137889556
38	AB-67	JeureBasavlingappaRajkumar	B. Sc.II	9158297031
39	AB-75	KabadeSwaminathDagdu	B. Sc.II	9552172047
40	AB-45	KadamOmkarKashinath	B. Sc.II	7447262321

Smt. M. N. Gadsing

(Assist. Prof.)

Shri. S. D. Agalave

Co-ordinator and Head

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

ShikshanPrasarakMandal, Anadur's

Jawahar Arts, Science & Commerce College,

Anadur, Tq. Tuljapur, Dist. Osmanabad -413603

Department of Mathematics

Certificate Course inEssential Mathematics for Competitive Exam

Time Table – 2019-20

Sr. No.	Name of lecturer	Time	Days
I	Shri. S. D. Agalave	04.00 to 05.00	Mon, Tue, Wed
II	Smt. M. N. Gadsing	04.00 to 05.00	Thus, Fri, Sat

PPrincipal

Jawahar Arts, Science & Commerce College,

Anadur, Tq. Tuljapur, Dist. Osmanabad -413603

Department of Mathematics

दिनांक

Date 30/09/2019

Notice

All the students enrolled in certificate course in **Essential Mathematics For Competitive Exam**run by department of Mathematics are hereby informed that the Department of Mathematics is going to conduct a final test in "**Essential Mathematics for Competitive Exam**" during this month on / /

Seating Arrangement for Exam

Sr. No	Roll. No.	Name of Student	Hall No.
1	AB-79	AlureDhiraj Deepak	
2	AB-38	ArgeDipakRajendra	
3	AB-31	Ku. BagwanAabedaMahebub	
4	AB-30	Ku. BagwanArjumanMahebub	
5	AB-52	BalsureAkashShesherao	
6	AB-51	BansodeKunalRajkumar	
7	AB-35	Ku. BogePallaviJeewan	
8	AB-28	BirajdarGurshiddhappa	
9	AB-59	BirajdarOmkarBaliram	04
10	AB-43	ChavanRohitShubhash	
11	AB-69	Ku. ChavanSapana Suresh	
12	AB-63	Chavan Suresh Rajendra	
13	AB-95	Chavan Vishal Shankar	
14	AB-34	Ku. DarekarRenuka Ram	
15	AB-98	Ku. Desai Amruta Anil	
16	AB-18	DhumalUtkarshAvinash	
17	AB-19	EdakeRavindraRajendra	

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18	AB-37	Ku. GanganeParwati Ram
19	AB-41	GhugeAbhayManohar
20	AB-66	GhugeAbhishekUttam
21	AB-42	GhugeAkshay Shankar
22	AB-62	GhugeAnnasaheb Prakash
23	AB-61	GhugeAvadhutDattatray
24	AB-86	Ku. GhugePriyankaBalaji
25	AB-89	GhugeSanketArasrao
26	AB-81	GhugreApparaoBasavraj
27	AB-60	GunjoteSharnappa
28	AB-65	HagalgundeRameshwar
29	AB-92	HalungudeNitinAndoba
30	AB-56	Ku. HingmireAmbika Prakash
31	AB-27	HogadeAnandHanmant
32	AB-24	HukireShubhamRajendra
33	AB-32	Ku. Jadhav AishwaryaAmbanna
34	AB-39	Jadhav Sachin Shankar
35	AB-12	Ku. Jadhav ShitalChilesh
36	AB-33	Ku. Jadhav ShobhaAmbanna
37	AB-22	JalkoteBhimashankar
38	AB-67	JevareBasavlingappa
39	AB-75	KabadeSwaminathDagdu
40	AB-45	KadamOmkarKashinath

07

Shikshan Prasarak Mandal, Anadur's

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

Department of Mathematics

Question Paper

Certificate Course in "Essential Mathematics for Competitive Exam"

Year 2019-20   Date:

All questions are necessary

Total Marks: 50

Each Ques. Carry 2 marks.

1. The sum of first 45 natural number is .....

a) 2070   b) 1035   c)1280   d) 2140

2. The units digit in the product $(274 \times 318 \times 577 \times 313)$ is ....

a) 2   b) 3   c) 4   d) 5

3. $\left(1 - \frac{1}{3}\right)\left(1 - \frac{1}{4}\right)\left(1 - \frac{1}{5}\right) \dots \left(1 - \frac{1}{n}\right) = \dots$

a) $\frac{1}{n}$ b) $\frac{2}{n}$ c) $\frac{1}{n(n+1)}$ d) $\frac{2(n-1)}{n}$

4. If $\sqrt{3^n} = 81$, then $n = \cdots$

a) 2   b) 4   c) 6   d) 8

5. The difference between place value of 7 in the numerical 574873 is ....

a) 69930   b) 59930   c) 96390   d) 69305

6. The total number of prime factors in the expression $(4)^{11} \times (7)^5 \times (11)^2$ is ....

a) 7   b) 18   c) 29   d) 110

7. The least number of five digits which is exactly dirigible by 12, 15 and 18 is ....

a) 10010   b) 10015   c) 10020   d) 10080

8. About the number of pairs which have 16 as their G.C.D and 136 as their L.C.M, we can definitely say that ....

a) Only one such pair exists   b) Only two such pair exists

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c)Many such pair exists   d) No such pair exists

9. Three numbers are in the ratio 1: 2: 3 and their G.C.D is 12. The numbers are ….

a) 12, 24, 36   b) 10, 20, 30   c) 5, 10, 15   d) 4, 8, 12

10. The greatest number that will divide 187, 233 and 279 leaving the same reminder in each

case is ….

a) 30   b) 36   c) 46   d) 56

11. The L.C.M. of three different numbers is 120. Which of the following cannot be their

G.C.D.

a) 8   b) 12   c) 24   d) 35

12. The sum of two numbers is 216 and their C.G.D. is 27. The numbers are ……..

a) 27, 189   b) 154, 162   c) 108, 108   d) 81,189

13. The largest number which divides 25, 73 and 97 to leave same remainder in each case is

…….

a) 24   b) 23   c) 21   d) 6

14. The value of $\frac{1}{3+\frac{2}{2\frac{1}{2}}}$ is …….

a)$\frac{5}{19}$ b)$\frac{19}{5}$ c)$\frac{4}{5}$ d)$\frac{5}{4}$

15. $4\frac{1}{2}+3\frac{1}{6}+?+2\frac{1}{3}=13\frac{2}{3}$

a) $3\frac{2}{5}$ b) $1\frac{2}{5}$ c) $4\frac{1}{5}$ d) $4\frac{1}{6}$

16. What fraction must be subtracted from the sum of $\frac{1}{4}$ and $\frac{1}{6}$ to have an average of $\frac{1}{12}$ of all
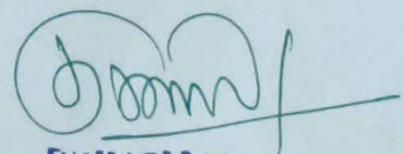
three fractions ?

a)$\frac{1}{2}$ b)$\frac{1}{3}$ c)$\frac{1}{4}$ d) $\frac{1}{6}$

17. $\frac{16-6\times2+3}{23-3\times2}=$ …….

a)$\frac{7}{17}$ b)$\frac{23}{40}$ c)$\frac{14}{23}$ d) $\frac{2}{17}$

18. If we multiply a fraction by itself and divide the product by its reciprocal, the fraction

thus obtained is $18\frac{26}{27}$. The original fraction is …….

a)$\frac{8}{27}$ b) $2\frac{2}{3}$ c) $1\frac{1}{3}$ d) None of these

19. $\frac{31}{10} \times \frac{3}{10} + \frac{7}{5} + 20 = ?$

a) 0   b) 1   c) 100   d) None of these

20. The value of $\sqrt{12 + \sqrt{12 + \sqrt{12 + \cdots}}} = ?$

a) 3   b) 4   c) 6   d) greater than 6

21. If $2 * 3 = \sqrt{13}$ and $3 * 4 = 5$, then the value of $5 * 12 = \ldots\ldots$

a) $\sqrt{17}$ b) $\sqrt{29}$ c) 12   d) 13

22. $\frac{\sqrt{24} + \sqrt{216}}{\sqrt{96}} = \ldots..$

a) $2\sqrt{6}$ b) 2   c) $6\sqrt{2}$ d) 4

23. $\sqrt{81} + \sqrt{0.81} = 10.09 - ?$
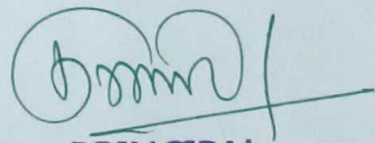
a) 1.19   b) 1.1   c) 1   d) 0.19

24. $\frac{\sqrt{7} + \sqrt{5}}{\sqrt{7} - \sqrt{5}} = \ldots\ldots$

a) $6 + \sqrt{35}$ b) $6 - \sqrt{35}$ c) 2   d) 1

25. If $\frac{x}{\sqrt{2.25}} = 550$, then the value of x is $\ldots\ldots..$

a) 825   b) 82.5   c) 8.25   d) 2

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

Department of Mathematics

Certificate Course in "Essential Mathematics for Competitive Exam"
Presenty Report

Sr. No	Roll. N0.	Name of Student	Sign
1	AB-79	Alure Dhiraj Deepak	AlureDD
2	AB-38	Arge Dipak Rajendra	DipakA
3	AB-31	Ku. Bagwan Aabeda Mahebub	BagwanAM
4	AB-30	Ku. Bagwan Arjuman Mahebub	Arjuman
5	AB-52	Balsure Akash Shesherao	BalsureAS
6	AB-51	Bansode Kunal Rajkumar	BKR
7	AB-35	Ku. Boge Pallavi Jeewan	BogePJ
8	AB-28	Birajdar Gurshiddhappa	Birajdark
9	AB-59	Birajdar Omkar Baliram	OBBiraydla
10	AB-43	Chavan Rohit Shubhash	ChavanRS
11	AB-69	Ku. Chavan Sapana Suresh	CSS
12	AB-63	Chavan Suresh Rajendra	ChavanSR
13	AB-95	Chavan Vishal Shankar	CVS
14	AB-34	Ku. Darekar Renuka Ram	Renukaa
15	AB-98	Ku. Desai Amruta Anil	DesaiAA
16	AB-18	Dhumal Utkarsh Avinash	DhumalU
17	AB-19	Edake Ravindra Rajendra	ERR
18	AB-37	Ku. Gangane Parwati Ram	PRGangan
19	AB-41	Ghuge Abhay Manohar	GAM
20	AB-66	Ghuge AbhishekUttam	GAU
21	AB-42	Ghuge Akshay Shankar	Gthuge
22	AB-62	Ghuge Annasaheb Prakash	Annasah
23	AB-61	Ghuge Avadhut Dattatray	Avadut

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24	AB-86	Ku. GhugePriyankaBalaji	GhugePB
25	AB-89	GhugeSanketArasrao	GhugeSA
26	AB-81	GhugreApparaoBasavraj	Apparao
27	AB-60	GunjoteSharnappa	Gunjotes
28	AB-65	HagalgundeRameshwar	Hagalgunde
29	AB-92	HalungudeNitinAndoba	HNA
30	AB-56	Ku. HingmireAmbika Prakash	AmbikaP
31	AB-27	HogadeAnandHanmant	AHHegal
32	AB-24	HukireShubhamRajendra	HukireSR
33	AB-32	Ku. JadhavAishwaryaAmbanna	AJadu
34	AB-39	Jadhav Sachin Shankar	JadhavSS
35	AB-12	Ku. JadhavShitalChilesh	JadhavSC
36	AB-33	Ku. JadhavShobhaAmbanna	Shobha
37	AB-22	JalkoteBhimashankar	JalkoteB
38	AB-67	JevareBasavlingappa	JevareB
39	AB-75	KabadeSwaminathDagdu	KabadeS
40	AB-45	KadamOmkarKashinath	KOK

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SHRI. AGALAVE S. D.
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Jawahar Arts, Science & Commerce College,
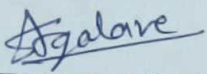### Anadur, Tq. Tuljapur, Dist. Osmanabad -413603

Department of Mathematics
Certificate Course in Essential Mathematics for Competitive Exam
Mark List

Sr. No	Roll. No.	Name of Student	Class	Obtained Marks	Out of Marks
1	AB-79	Alure Dhiraj Deepak	B. Sc.II	42	50
2	AB-38	Arge Dipak Rajendra	B. Sc.II	40	50
3	AB-31	Ku. Bagwan Aabeda Mahebub	B. Sc.II	42	50
4	AB-30	Ku. Bagwan Arjumand Mahebub	B. Sc.II	39	50
5	AB-52	Balsure Akash Shesherao	B. Sc.II	38	50
6	AB-51	Bansode Kunal Rajkumar	B. Sc.II	37	50
7	AB-35	Ku. Boge Pallavi Jeewan	B. Sc.II	39	50
8	AB-28	Birajdar Gurshiddhappa	B. Sc.II	41	50
9	AB-59	Birajdar Omkar Baliram	B. Sc.II	43	50
10	AB-43	Chavan Rohit Shubhash	B. Sc.II	39	50
11	AB-69	Ku. Chavan Sapana Suresh	B. Sc.II	42	50
12	AB-63	Chavan Suresh Rajendra	B. Sc.II	40	50
13	AB-95	Chavan Vishal Shankar	B. Sc.II	39	50
14	AB-34	Ku. Darekar Renuka Ram	B. Sc.II	36	50
15	AB-98	Ku. Desai Amruta Anil	B. Sc.II	35	50
16	AB-18	Dhumal Utkarsh Avinash	B. Sc.II	39	50
17	AB-19	Edake Ravindra Rajendra	B. Sc.II	40	50
18	AB-37	Ku. Gangane Parwati Ram	B. Sc.II	38	50
19	AB-41	Ghuge Abhay Manohar	B. Sc.II	39	50
20	AB-66	Ghuge Uttam Abhishek	B. Sc.II	40	50

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21	AB-42	GhugeAkshay Shankar	B. Sc.II	45	50
22	AB-62	GhugeAnnasaheb Prakash	B. Sc.II	44	50
23	AB-61	GhugeAvadhutDattatray	B. Sc.II	39	50
24	AB-86	Ku. GhugePriyankaBalaji	B. Sc.II	38	50
25	AB-89	GhugeSanketArasrao	B. Sc.II	39	50
26	AB-81	GhugreApparaoBasavraj	B. Sc.II	42	50
27	AB-60	GunjoteSharnappaDanraj	B. Sc.II	38	50
28	AB-65	HagalgundeRameshwarKhandu	B. Sc.II	37	50
29	AB-92	HalungudeNitinAndoba	B. Sc.II	42	50
30	AB-56	Ku. HingmireAmbika Prakash	B. Sc.II	39	50
31	AB-27	HogadeAnandHanmant	B. Sc.II	40	50
32	AB-24	HukireShubhamRajendra	B. Sc.II	38	50
33	AB-32	Ku. Jadhav AishwaryaAmbanna	B. Sc.II	39	50
34	AB-39	Jadhav Sachin Shankar	B. Sc.II	46	50
35	AB-12	Ku. Jadhav ShitalChilesh	B. Sc.II	44	50
36	AB-33	Ku. Jadhav ShobhaAmbanna	B. Sc.II	39	50
37	AB-22	JalkoteBhimashankar Anil	B. Sc.II	36	50
38	AB-67	JeureBasavlingappaRajkumar	B. Sc.II	39	50
39	AB-75	KabadeSwaminathDagdu	B. Sc.II	40	50
40	AB-45	KadamOmkarKashinath	B. Sc.II	45	50

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Co-ordinator and Head of Department   Principal

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Department of Mathematics

Date: 4|10|2019

Final Report of Certificate Coursein"Essential Mathematics For Competitive Exam 2019-20"

Certificate course in **Essential Mathematics For Competitive Exam**is completed successfully with fruitful result. As per notice issued by department of Mathematics for students to made registration for this course, within little time 40 students registered their names for said course. Meanwhile we have completed all the required formalities like LMC approval, syllabus design, and lecture distribution and also to nominate BOS members too. We have engaged 30 hours. Meanwhile we have also engaged the doubt session also. Finally after syllabus completion we held final exam for said course and all the students enrolled for **Essential Mathematics for Competitive Exam**certificate course successfully passed with good percentage marks. The nature of **Essential Mathematics for Competitive Exam**certificate course question paper is of 50 marks. (25 question carry 2 marks each). Near about 18 students scored more than 40 marks, while remaining students scoring in between 35 to 40 marks. After result declaration we have organized a certificate distribution and award function for the students of course in kind presence of Hon. Principal. Dr. Umakant Chanshetty sir and our staff members' of Mathematics department.

Co-ordinator and Head of Department   Principal