



**ESWAR COLLEGE OF ENGINEERING:
NARASARAOPET**

Approved by AICTE, New Delhi., Affiliated to JNTUK, Kakinada
Kesanupalli Village, Narasaraopet – 522 601,
Palnadu Dist. A.P.

Phone No. 9121214708

Email ID: principal@eswarcollegeofengg.org, eswarcollegeofengg@gmail.com

web:eswarcollegeofengg.org

Department of Automobile Engineering

29/02/2021

To
The Principal
Eswar College of Engineering
Narasaraopet

Through HOD-AME

From
J.Rahul
Assistant Professor
Faculty Coordinator

Sub: Requesting for permission to conduct a value-added course on Mathematics for competitive examinations from 02/03/2021 to 06/03/2021

Dear Sir,

The Department of Automobile Engineering is planning to organize a 1-week value-added course on Mathematics for competitive examinations from 02/03/2021 to 06/03/2021

Total Number of Students registered: 31 No's (IV B.Tech II Sem).

Resource Person: G.Karunakar, S&H Department, Eswar College of Engineering

Certificate Criteria: 60% of marks in Evaluation, 80% of attendance


In connection with the programme, we request your approval to organize the same and to make the programme a grand success.

Thanks, and regards,

Name: J.Rahul


Signature

HOD- Comments

please consider — 

Principal Comments:

Approved/ Rejected


PRINCIPAL


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ESWAR COLLEGE OF ENGINEERING
NARASARAOPET-522 601, Guntur (DL)

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NARASARAOPET-522 601, Guntur (DL)



ESWAR

COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi & Affiliated to JNTUK Kakinada, Kakinada, AP
Kesanupalli (V), Narasaraopet - 522549. www.eswarcollegeofengg.org

+91 98855 78652

+91 99636 34414



Email: eswarcollegeofengg@gmail.com

Website: www.eswarcollegeofengg.org



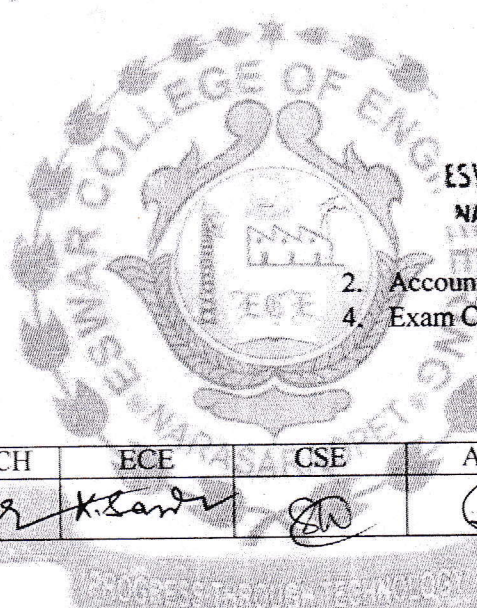
Date: 24-02-2021

2020-21

CIRCULAR

All B. Tech IV-II AME students are hereby notified that a value-added course titled "MATHEMATICS FOR COMPETITIVE EXAMINATIONS" will be conducted from 02-03-2021 to 06-03-2021. It is mandatory for all students to enroll their names with course coordinator

J. RAHUL, Assistant Professor, AME



J. Rahul
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NARASARAOPET-522 601, Guntur (DL)

Copy to:

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- 3. Library *[Signature]*

- 2. Accounts *[Signature]*
- 4. Exam Cell *[Signature]*

HODs:

CIVIL	EEE	MECH	ECE	CSE	AME	AGR	S&H
<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

- IV AME CLASS ROOM - *[Signature]*
- III AME CLASS ROOM - *[Signature]*
- II AME CLASS ROOM - *[Signature]*

[Signature]

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NARASARAOPET-522 601, Guntur (DL)



ONE WEEK WORKSHOP
ON
MATHEMATICS FOR
COMPETITIVE
EXAMINATIONS

(02-03-2021 to 06-03-2021)

ESWAR COLLEGE OF ENGINEERING
Kesanupalli (V), Narasaraopet - 522 601

Registration Form

Name: _____
Department: _____
Designation: _____
Organisation: _____
Address: _____
Contact No.: _____
E-mail: _____

CERTIFICATE

This is certified that, Mr./Mrs./_____ is nominated for attending One Week National Workshop On Mathematics for competitive examinations Eswar College of Engineering, Kesanupalli (V), Narasaraopet (M), Guntur-Dt. On 02-03-2021 to 06-03-2021

Signature of
The Candidate

Signature of the
HOD/Principal with Seal

ABOUT ESWAR COLLEGE OF ENGINEERING

Eswar College of Engineering was established during the academic year 2008 -09 and sponsored by Shaik Dada Saheb Charitable Trust, with a vision of Imparting futuristic ethmical education and instill high patterns of discipline in order to set global standards and making the students technologically superior and ethically strong. The young and dynamic promoters have selected this rural area with lot of foresight. The Institution is spread over 22 acres of lush green landscape and located at 5th km stone on the Narasaraopet- Chilikaluripet Road. The Institution offers the UG Courses B.Tech-CIVIL, EEE, ECE, CSE, AME, ME, PG Courses M.Tech-PE&ED, DECS, CSE, and CAD/CAM & MBA. The

Tourist places nearby are Kotappakonda, Amaravathi, Surylanka Beach. Eswar College of Engineering is having MOU with International Institute of Information Technology IIT-Hyderabad and introduced CIT Programme for students Digital Class facility is also provided in association with Manipalk12, Bangalore, the very first college in Andhra Pradesh

Address for Correspondence:
The Co-Ordinator,

ONE WEEK WORKSHOP ON
MATHEMATICS FOR COMPETITIVE
EXAMINATIONS

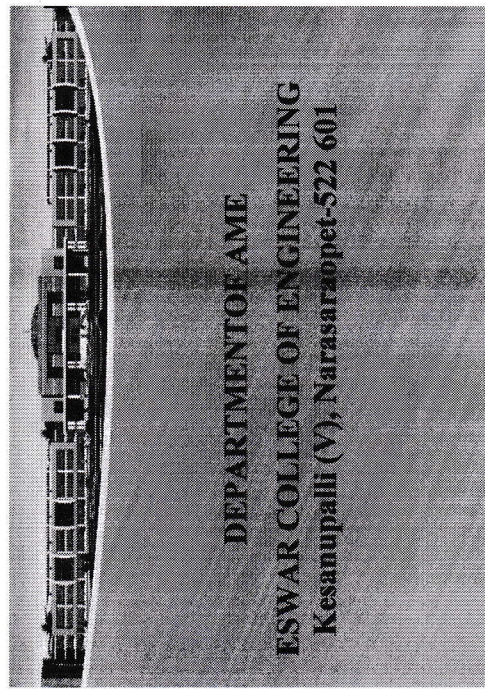
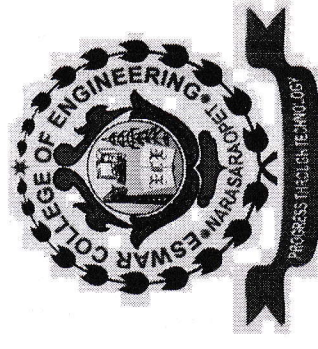
ESWAR COLLEGE OF ENGINEERING, KESANUPALLI (V),
NARASARAOPET (M), GUNTUR (DT),
E-mail: eswarcollegeofengg@gmail.com
PH NO: 8985793922/9581741110

ONE WEEK WORKSHOP ON

MATHEMATICS FOR
COMPETITIVE
EXAMINATIONS

(02-03-2021 to 06-03-2021)

Organized by



DEPARTMENT OF A.M.E.
ESWAR COLLEGE OF ENGINEERING
Kesanupalli (V), Narasaraopet-522 601

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NARASARAOPET-522 601, Guntur (Dt.)

SCHEDULE OF THE PROGRAMME:

S.NO	Day-Wise	Course Content
1	Day-1	Coordinate geometry
2	Day-2	algebra
3	Day-3	trigonometry
4	Day-4	Real analysis
5	Day-5	Complex analysis
6	Day-6	aptitude

WORKSHOP:

The objective of workshop is to see that the students are well trained for the Prerequisite courses of certification

Training Methodology:

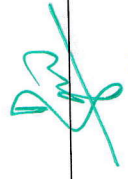
- offline

RESOURCE PERSONS:

1 G.KARUNAKAR

No Registration fee.

Application in the prescribed format duly sponsored by the Head of Dept/Institution or scanned copy of the application form may also be send through E-mail to the Co-ordinator so as to reach on or before 31-02-2021. It is mandatory that the faculty/students applied for workshop must attend the course if selected. Participation certificate will be issued. No Accommodation.



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 NARASARAOPET-522 601, Guntur (Dt.)

CHIEF PATRONS
SRI.SHAIK.MEERAVALI

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SRI.SHAIK.KAREEM MOHIDDIN

Secretary & Correspondent

SRI.SHAIK MASTHAN SHARIF

Managing Director

PATRON

DR.G. NAGA MALLESWARA RAO

Principal

Convener

Sri. R RAMBABU HOD AME

Department, Ph:9848982678

CO-ORDINATOR

Sri. J RAHUL M.Tech,

PH:9848506133

SEND YOUR ENTRIES TO :

The Co-Ordinator,
 ONE WEEK WORKSHOP ON
 MATHEMATICS FOR COMPETITIVE
 EXAMINATIONS
 ENGINEERING, KESANUPALLI (V),
 NARASARAOPET (M), GUNTUR-DT
 Ph.No: 8985793922, 9581741110

E-mail:

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web:eswarcollegeofengg.org

Department of AUTOMOBILE Engineering

Course Name: Value Added Course on mathematics for competitive exam

Proposed Syllabus

- Coordinate geometry, algebra, trigonometry(9L)
- Abstract algebra, real analysis, complex analysis(11L)
- Skill based elective courses(8L)
- Quantitative aptitude section(8L)

CO Statements

CO's	CO Statements
CO1	Understanding sections of analysis
CO2	Understand integration, definite integral and area under curves

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Department of AME

Course Name: MATHEMATICS FOR COMPETITIVE EXAMINATIONS (02/03/2021 TO 06/03/2021)

YEAR/SEM: IV/II

A.Y : 2020-2021

REGISTRATION FORM

SNO	HTNO	NAME OF STUDENT	SIGNATURE
1	17JE1A2401	YALLATURI ANAND	Y. Anand
2	17JE1A2402	PAGADALA ANANDA KUMAR	A. Anand Kumar P
3	17JE1A2403	JINNALA ANUSHA	Anusha J
4	17JE1A2405	GOLLA BALAJI	G. Balaji
5	17JE1A2406	P DINESH	P. Dinesh
6	17JE1A2407	MACHANI GOWTHAM SAI	M. Gowtham Sai
7	17JE1A2408	SHAIK JALAL BASHA	S.K. Jalal Basha
8	17JE1A2409	GUMMADI JOHN BENYAN	G. John Benyan
9	17JE1A2410	SHAIK KAGAJI EMAM HUSSAIN	S.K. Hussain
10	17JE1A2411	SHAIK KUMAR NABHI	S.K. Kumar Nabhi
11	17JE1A2413	PERAM NARENDRA REDDY	P. Narendra
12	17JE1A2414	CHEPURI RAJASEKHARA CHARI	C. Rajesh Khara Chari
13	17JE1A2415	KAKUMANU SAI KUMAR	K. Sai Kumar
14	17JE1A2416	YALLATURI SAMUEL RAJU	Y. Samuel Raju
15	17JE1A2417	THAMMISSETTY SRIHARI	T. Srihari
16	17JE1A2418	PAMURI SUBHANI	P. Subhani
17	17JE1A2419	PERAM SURESH REDDY	P. Suresh
18	17JE1A2420	MANNAVA VENKATA GOPI SRINIVAS	M. Venkate Gopi Srinivas
19	17JE1A2421	JALAGAM VENKATESWARLU	J. Venkateswarlu
20	17JE1A2422	VINAYA GAYATHRI PHANITHAM	V. Gayathri Phanitham
21	17JE1A2423	GUNJI VIVEKANANDA	G. Vivekananda
22	17JE1A2424	SHAIK YASIN SHAREEF	S.K. Yasin Shareef
23	17JE1A2425	RAMAVATH NARSIMHA NAIK	R. Narsimha Naik
24	18JE5A2401	BANALA DURGA PRASAD	B. Durgaprasad
25	18JE5A2402	KOLAKALURI NAVEEN	K. Naveen
26	18JE5A2403	KOLAKALURI NAVEEN	K. Naveen
27	18JE5A2404	SHAIK RIYAZ BASHA	S.K. Riyaz Basha
28	18JE5A2405	SEELAM SAI REDDY	S. Sai Reddy
29	18JE5A2406	BOLLA SIVA GANESH	B. Siva Ganesh

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30	18JE5A2407	GANDIKOTA POORNACHANDRA RAO	G. Poornachandra Rao
31	18JE5A2408	SHAIK RIZWAN	Sh. Rizwan



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COURSE COORDINATOR



HOD
 HOD

Department of AME
 Eswar College of Engineering
 Kesanupalli (V), Narasaraopet-522 549



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Department of AME

Course Name: MATHEMATICS FOR COMPETITIVE EXAMINATIONS (02/03/2021 TO 06/03/2021)

YEAR/SEM: IV/II

A.Y: 2020-2021

ATTENDANCE SHEET

SN O	HTNO	NAME OF STUDENT	DAY 1	DAY 2	DAY 3	DAY 4	DAY 5	DAY 6
1	17JE1A2401	YALLATURI ANAND	Anand	Anand	Anand	Anand	Anand	Anand
2	17JE1A2402	PAGADALA ANANDA KUMAR	Anand	Anand	Anand	Anand	Anand	Anand
3	17JE1A2403	JINNALA ANUSHA	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha
4	17JE1A2405	GOLLA BALAJI	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji
5	17JE1A2406	P DINESH	P.dinsh	P.dinsh	P.dinsh	P.dinsh	P.dinsh	P.dinsh
6	17JE1A2407	MACHANI GOWTHAM SAI	Gowtham	Gowtham	Gowtham	Gowtham	Gowtham	Gowtham
7	17JE1A2408	SHAIK JALAL BASHA	Basha	Basha	Basha	Basha	Basha	Basha
8	17JE1A2409	GUMMADI JOHN BENYAN	John	John	John	John	John	John
9	17JE1A2410	SHAIK KAGAJI EMAM HUSSAIN	Hussain	Hussain	Hussain	Hussain	Hussain	Hussain
10	17JE1A2411	SHAIK KUMAR NABHI	Kumar Nabhi	Kumar Nabhi	Kumar Nabhi	Kumar Nabhi	Kumar Nabhi	Kumar Nabhi
11	17JE1A2413	PERAM NARENDRA REDDY	Narendra	Narendra	Narendra	Narendra	Narendra	Narendra
12	17JE1A2414	CHEPURI RAJASEKHARA CHARI	Raja	Raja	Raja	Raja	Raja	Raja
13	17JE1A2415	KAKUMANU SAI KUMAR	Sai Kumar	Sai Kumar	Sai Kumar	Sai Kumar	Sai Kumar	Sai Kumar
14	17JE1A2416	YALLATURI SAMUEL RAJU	Samuel Raju	Samuel Raju	Samuel Raju	Samuel Raju	Samuel Raju	Samuel Raju
15	17JE1A2417	THAMMISSETTY SRIHARI	Srihari	Srihari	Srihari	Srihari	Srihari	Srihari
16	17JE1A2418	PAMURI SUBHANI	Subhani	Subhani	Subhani	Subhani	Subhani	Subhani

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17	17JE1A2419	PERAM SURESH REDDY	Suresh	Suresh	Suresh	Suresh	Suresh	Suresh
18	17JE1A2420	MANNAVA VENKATA GOPI SRINIVAS	Manna	Manna	Manna	Manna	Manna	Manna
19	17JE1A2421	JALAGAM VENKATESWARLU	Venky	Venky	Venky	Venky	Venky	Venky
20	17JE1A2422	VINAYA GAYATHRI PHANITHAM	Gayathri	Gayathri	Gayathri	Gayathri	Gayathri	Gayathri
21	17JE1A2423	GUNJI VIVEKANANDA	Vivek	Vivek	Vivek	Vivek	Vivek	Vivek
22	17JE1A2424	SHAIK YASIN SHAREEF	Yasin	Yasin	Yasin	Yasin	Yasin	Yasin
23	17JE1A2425	RAMAVATH NARSIMHA NAIK	Narasim	Narasim	Narasim	Narasim	Narasim	Narasim
24	18JE5A2401	BANALA DURGA PRASAD	Durga	Durga	Durga	Durga	Durga	Durga
25	18JE5A2402	KOLAKALURI NAVEEN	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen
26	18JE5A2403	KOLAKALURI NAVEEN	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen
27	18JE5A2404	SHAIK RIYAZ BASHA	Riyaz	Riyaz	Riyaz	Riyaz	Riyaz	Riyaz
28	18JE5A2405	SEELAM SAI REDDY	Sai Reddy	Sai Reddy	Sai Reddy	Sai Reddy	Sai Reddy	Sai Reddy
29	18JE5A2406	BOLLA SIVA GANESH	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh
30	18JE5A2407	GANDIKOTA POORNACHANDRA RAO	Poorna	Poorna	Poorna	Poorna	Poorna	Poorna
31	18JE5A2408	SHAIK RIZWAN	Rizwan	Rizwan	Rizwan	Rizwan	Rizwan	Rizwan



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COURSE COORDINATOR



HOD

HOD

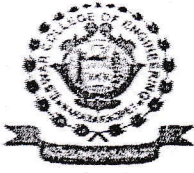
Department of AME

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web:eswarcollegeofengg.org

Department of Automobile Engineering

Feedback form

Course Name: *Mathematics for competitive examinations*

Please place tick marks at the respective column

S.No	Particulars	Excellent	Very good	Good	Average	Poor
1	How well did you achieve this learning goal in this course?		✓			
2	Does the course content meet the expectation?			✓		
3	Is lecture sequence well planned?	✓				
4	Does Lecture content illustrate with adequate examples?		✓			
5	Do you expect Level of the course is up to the standards?	✓				
6	Does Course meet the level of new knowledge?	✓				
7	Is The lecture clear and easy to understand?			✓		
8	Did you expect Teaching aids are effectively used?		✓			
9	Does The resource person interact well and clear the doubts?	✓				
10	Overall organization of the course		✓			

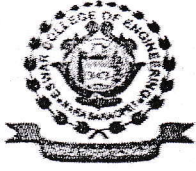
Comments

1. *This program is excellent.*

2.

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J. Anusha
Signature of the student



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web:eswarcollegeofengg.org

Department of Automobile Engineering

Feedback form

Course Name: *Mathematics for competitive examinations*

Please place tick marks at the respective column

S.No	Particulars	Excellent	Very good	Good	Average	Poor
1	How well did you achieve this learning goal in this course?		✓			
2	Does the course content meet the expectation?	✓				
3	is lecture sequence well planned?	✓				
4	Does Lecture content illustrate with adequate examples?			✓		
5	Do you expect Level of the course is up to the standards?	✓				
6	Does Course meet the level of new knowledge?		✓			
7	is The lecture clear and easy to understand?	✓				
8	Did you expect Teaching aids are effectively used?			✓		
9	Does The resource person interact well and clear the doubts?		✓			
10	Overall organization of the course	✓				

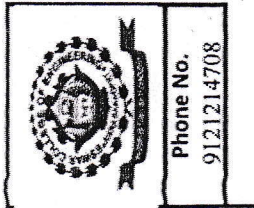
Comments

1. *This program is very good*

2.

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G. Balaji
Signature of the student



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Department of AME

Feedback Analysis

Course Name: MATHEMATICS FOR COMPETITIVE EXAMINATIONS

Number of students attended/ given feedback 31

S.No	Particulars	Excellent	Very good	Good	Average	Poor	Levels
1	How well did you achieve this learning goal in this course?	25	4	1	1		0.927419
2	The course contain meet the expectation	25	2	2	2		0.903226
3	The lecture sequence was well planned	22	3	1	2	3	0.814516
4	Lecture content illustrated with adequate examples	30	1				0.991935
5	Level of the course up to the mark?	28			1	2	0.91129
6	Course highlights the level of new knowledge	25		1		5	0.822581
7	The lecture was clear and easy to understand?	29	1	1			0.975806
8	Teaching aids are effectively used?	28	1	1	1		0.951613
9	The resource person interacted well and cleared the doubts.	25			1	5	0.814516
10	Overall organization of the course	30		1			0.983871

0.909677

Over all feedback value :

3.638709677

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web: eswarcollegeofengg.org

Department of AME

Course Name: Value Added Course on Mathematics for competitive examinations.

Evaluation of the Value-Added Courses

Answer all the Questions Each Question Carry 1 Mark

Total Marks: 20M

Min Marks: 12 Marks

Name of the Student :

H.T. No:

Marks obtained:

1) If the price of a book is increased by 20%, by what percentage should the sales price be decreased to bring it back to the original price? ()

- A) 16%
- B) 20%
- C) 25%
- D) 10%

2) If 15% of a number is 45, what is 30% of that number? ()

- A) 90
- B) 60
- C) 30
- D) 15

3) A TV was originally priced at \$800. It is now being sold at a discount of 20%. What is the discounted price? ()

- A) \$640
- B) \$720
- C) \$860

4) The average of five numbers is 32. If one of the numbers is 45, what is the average of the remaining numbers? ()

- A) 30
- B) 34


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- C) 35
- D) 36

5) The average of six numbers is 18. If one of the numbers is 24, what is the average of the remaining numbers? ()

- A) 16
- B) 18
- C) 20
- D) 22

6) The average age of a family of four is 28 years. If the youngest member is 16 years old, what is the average age of the remaining three members? ()

- A) 30
- B) 32
- C) 34
- D) 36

7) If the ratio of apples to oranges in a basket is 3:2 and there are 25 oranges, how many apples are there in the basket? ()

- A) 15
- B) 20
- C) 30
- D) 40

8) If the ratio of boys to girls in a classroom is 4:5, and there are 36 boys, how many girls are there in the classroom? ()

- A) 20
- B) 25
- C) 30
- D) 45

9) The ratio of the lengths of two rectangles is 3:4. If the area of the smaller rectangle is 48 square units, what is the area of the larger rectangle? ()

- A) 64 square units
- B) 72 square units
- C) 96 square units
- D) 128 square units



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VARASARAO PET-522 601, Guntur (A.P.)

10) If John can complete a job in 8 hours and Sarah can complete the same job in 12 hours, how long will it take them to complete the job together? ()

- A) 3 hours
- B) 4 hours
- C) 5 hours
- D) 6 hours

11) If it takes 6 workers 8 hours to complete a project, how many hours would it take for 8 workers to complete the same project?

- A) 4 hours ()
- B) 6 hours
- C) 8 hours
- D) 12 hours

12) If a machine can produce 100 units of a product in 5 hours, how many units can it produce in 10 hours? ()

- A) 100 units
- B) 150 units
- C) 200 units
- D) 250 units

13) A shopkeeper purchased a shirt for \$40 and sold it for \$60. What is the profit percentage? ()

- A) 20%
- B) 33.33%
- C) 50%
- D) 66.67%

14) If a bookshop sells a book at a loss of 10%, and the cost price of the book is \$50, what is the selling price of the book?

- A) \$45 ()
- B) \$50
- C) \$55
- D) \$60


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15) A trader sold a shirt for \$180 and incurred a loss of 10%. What was the cost price of the shirt? ()

- 14
- A) \$162
 - B) \$190
 - C) \$200
 - D) \$198

16) What is the HCF of 72 and 90? ()

- A) 6
- B) 9
- C) 18
- D) 36

17) What is the LCM of 15 and 20? ()

- A) 15
- B) 30
- C) 60
- D) 75

18) If the HCF of two numbers is 8 and their LCM is 48, what are the two numbers?
()

- A) 6 and 8
- B) 12 and 16
- C) 8 and 48
- D) 16 and 24

19) If the LCM of two numbers is 120 and one of the numbers is 24, what is the other number?
()

- A) 5
- B) 10
- C) 15
- D) 20

20) If the LCM of two numbers is 120 and one of the numbers is 24, what is the other number?
()

- A) 5
- B) 10
- C) 15
- D) 20





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Palnadu Dist. A.P.

Phone No. 9121214708

Email ID: principal@eswarcollegeofengg.org, eswarcollegeofengg@gmail.com
web:eswarcollegeofengg.org

Department of AME

Course Name: MATHEMATICS FOR COMPETITIVE EXAMINATIONS (02/03/2021 TO
06/03/2021)

YEAR/SEM: IV/II

A.Y : 2020-2021

ANSWERS FOR MATHEMATICS FOR COMPETITIVE EXAMINATIONS

1. A
2. A
3. A
4. B
5. B
6. D
7. C
8. A
9. B
10. C
11. C
12. A
13. A
14. B
15. C
16. B
17. C
18. D
19. D
20. B


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No. 9121214708

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eswarcollegeofengg@gmail.com

web: eswarcollegeofengg.org

Department of AME

Course Name: Value Added Course on Mathematics for competitive examinations

18
20

Evaluation of the Value-Added Courses

Answer all the Questions Each Question Carry 1 Mark

Total Marks: 20M

Min Marks: 12 Marks

Name of the Student : P. Anand Kumar **H.T. No:** 17J31A 2402 **Marks obtained:**

1) If the price of a book is increased by 20%, by what percentage should the sales price be decreased to bring it back to the original price? (A) ✓

- A) 16%
- B) 20%
- C) 25%
- D) 10%

2) If 15% of a number is 45, what is 30% of that number? (A) ✓


- A) 90
- B) 60
- C) 30
- D) 15

3) A TV was originally priced at \$800. It is now being sold at a discount of 20%. What is the discounted price? (A) ✓

- A) \$640
- B) \$720
- C) \$860

4) The average of five numbers is 32. If one of the numbers is 45, what is the average of the remaining numbers? (D) ✓

- A) 30
- B) 34


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- 16
C) 35
D) 36

5) The average of six numbers is 18. If one of the numbers is 24, what is the average of the remaining numbers? (B)

- A) 16
B) 18
C) 20
D) 22

6) The average age of a family of four is 28 years. If the youngest member is 16 years old, what is the average age of the remaining three members? (B)

- A) 30
B) 32
C) 34
D) 36

7) If the ratio of apples to oranges in a basket is 3:2 and there are 25 oranges, how many apples are there in the basket? (A)

- A) 15
B) 20
C) 30
D) 40

8) If the ratio of boys to girls in a classroom is 4:5, and there are 36 boys, how many girls are there in the classroom? (B)

- A) 20
B) 25
C) 30
D) 45

9) The ratio of the lengths of two rectangles is 3:4. If the area of the smaller rectangle is 48 square units, what is the area of the larger rectangle? (C)

- A) 64 square units
B) 72 square units
C) 96 square units
D) 128 square units

10) If John can complete a job in 8 hours and Sarah can complete the same job in 12 hours, how long will it take them to complete the job together? ()

A

- A) 3 hours
- B) 4 hours
- C) 5 hours
- D) 6 hours

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- A) 4 hours
- B) 6 hours
- C) 8 hours
- D) 12 hours

()
B

12) If a machine can produce 100 units of a product in 5 hours, how many units can it produce in 10 hours? (C)

- A) 100 units
- B) 150 units
- C) 200 units
- D) 250 units

13) A shopkeeper purchased a shirt for \$40 and sold it for \$60. What is the profit percentage? (C)

- A) 20%
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- C) 50%
- D) 66.67%

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- A) \$45
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- D) \$60

(A)


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(A)

- 12
- A) \$162
 - B) \$190
 - C) \$200
 - D) \$198

16) What is the HCF of 72 and 90?

(B)

- A) 6
- B) 9
- C) 18
- D) 36

17) What is the LCM of 15 and 20?

(C)

- A) 15
- B) 30
- C) 60
- D) 75

18) If the HCF of two numbers is 8 and their LCM is 48, what are the two numbers?

(B)

- A) 6 and 8
- B) 12 and 16
- C) 8 and 48
- D) 16 and 24

19) If the LCM of two numbers is 120 and one of the numbers is 24, what is the other number?

(C)

- A) 5
- B) 10
- C) 15
- D) 20

20) If the LCM of two numbers is 120 and one of the numbers is 24, what is the other number?

(D)

- A) 5
- B) 10
- C) 15
- D) 20


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Department of AME

Course Name: MATHEMATICS FOR COMPETITIVE EXAMINATIONS
(02/03/2021 TO 06/03/2021)

YEAR/SEM: IV/II

A.Y: 2020-2021

MARKS SHEET

SNO	HTNO	NAME OF STUDENT	MARKS(MAX 20M)
1	17JE1A2401	YALLATURI ANAND	15
2	17JE1A2402	PAGADALA ANANDA KUMAR	18
3	17JE1A2403	JINNALA ANUSHA	14
4	17JE1A2405	GOLLA BALAJI	16
5	17JE1A2406	P DINESH	17
6	17JE1A2407	MACHANI GOWTHAM SAI	15
7	17JE1A2408	SHAIK JALAL BASHA	15
8	17JE1A2409	GUMMADI JOHN BENYAN	16
9	17JE1A2410	SHAIK KAGAJI EMAM HUSSAIN	17
10	17JE1A2411	SHAIK KUMAR NABHI	15
11	17JE1A2413	PERAM NARENDRA REDDY	15
12	17JE1A2414	CHEPURI RAJASEKHARA CHARI	16
13	17JE1A2415	KAKUMANU SAI KUMAR	17
14	17JE1A2416	YALLATURI SAMUEL RAJU	14
15	17JE1A2417	THAMMISSETTY SRIHARI	14
16	17JE1A2418	PAMURI SUBHANI	16
17	17JE1A2419	PERAM SURESH REDDY	16
18	17JE1A2420	MANNAVA VENKATA GOPI SRINIVAS	17
19	17JE1A2421	JALAGAM VENKATESWARLU	15
20	17JE1A2422	VINAYA GAYATHRI PHANITHAM	17
21	17JE1A2423	GUNJI VIVEKANANDA	16
22	17JE1A2424	SHAIK YASIN SHAREEF	16
23	17JE1A2425	RAMAVATH NARSIMHA NAIK	15
24	18JE5A2401	BANALA DURGA PRASAD	14
25	18JE5A2402	KOLAKALURI NAVEEN	17
26	18JE5A2403	KOLAKALURI NAVEEN	16


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27	18JE5A2404	SHAIK RIYAZ BASHA	14
28	18JE5A2405	SEELAM SAI REDDY	16
29	18JE5A2406	BOLLA SIVA GANESH	17
30	18JE5A2407	GANDIKOTA POORNACHANDRA RAO	17
31	18JE5A2408	SHAIK RIZWAN	16



COURSE COORDINATOR



HOD

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Eswar College of Engineering
Kesavaiahalli (V), Narasaraopet-522 549

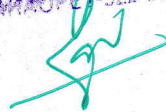


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Certificate of Participation

This is to certify that Mr/ Ms **YALLATURI ANAND** H.T.No: **17JE1A2401** has participated in one week Add-on Program on "**MATHEMATICS FOR COMPETITIVE EXAMINATIONS**" organised by **Department of Automobile Engineering**, Eswar College of Engineering, Narasaraopeta held from 02/03/2021 to 06/03/2021.



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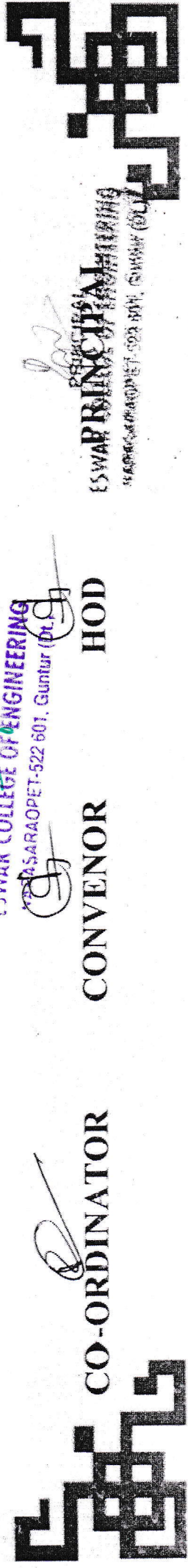


CO-ORDINATOR

CONVENOR

HOD

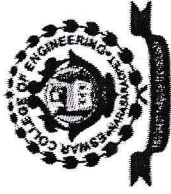

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Kesanupalli (V), Narasaraopet

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Certificate of Participation

This is to certify that Mr/ Ms **PAGADALA ANANDA KUMAR** H.T.No: **17JE1A2402** has participated in one week Add-on Program on "**MATHEMATICS FOR COMPETITIVE EXAMINATIONS**" organised by **Department of Automobile Engineering, Eswar College of Engineering, Narasaraopeta** held from 02/03/2021 to 06/03/2021.

CO-ORDINATOR

PRINCIPAL

ESWAR COLLEGE OF ENGINEERING
NARASARAOPET-522 601, Guntur Dist.

CONVENOR

HOD

PRINCIPAL



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Department of AUTOMOBILE Engineering

Summary of the Program

Course Name: Value Added Course on MATHEMATICS FOR COMPETITIVE EXAMS

1. A value-added course on mathematics for competitive exams offers an algebra, trigonometry.
2. It covers various mathematics for competitive exams like skill based elective courses and UPSC.
3. Through this course, participants acquire the knowledge and skills needed to contribute to the transition towards a more analysis skills and other benefits.
4. Total 31 No of students are registered out of the 31 No of students are Qualified.

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Faculty Coordinator

HOD-AME
HOD

Department of AME
Eswar College of Engineering

Kes

Principal

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