



# SAI TIRUMALA NVR ENGINEERING COLLEGE

(Approved by AICTE & Affiliated to JNTUK, Kakinada)  
Opp Saibaba Temple, Jonnalagadda, Narasaraopet-522601, Guntur (Dist)  
Principal Email : principalsaitirumala@gmail.com, Principal Cell : 9490759655  
Exam Cell Email : saitirumalaexamsection@gmail.com, Exam Cell Incharge : 7036661116

## DIAGNOSTIC TEST TOPICS

Academic Year: 2017-2018

Subject: MATHEMATICS

S.No	UNIT	NAME OF THE TOPIC
1	I	MATRICES
2	II	QUADRATIC EQUATIONS
3	III	INTEGRATION
4	IV	DERIVATIVES
5	V	TRIGONOMETRY
	VI	QUADRATIC EQUATIONS

  
HOD

  
PRINCIPAL



NAME OF THE EXAMINATION : DIAGNOSIS TEST

ACADEMIC YEAR : 2017-18

MAX.Markes : 30M

SUBJECT - MATHS

DATE :

NAME:

TIME :45 MIN

- ① If  $A$  is a square matrix then  $A-A^T$  is a — matrix  
(a) symmetric (b) skew-symmetric (c) Hermitian (d) Triangular [ ]
- ② If  $\begin{bmatrix} 2 & 4 \\ -1 & k \end{bmatrix}$  is a nilpotent matrix of order 2, then  $k =$   
(a) 2 (b) -2 (c) 3 (d) -3 [ ]
- ③ If  $AB=A$ ,  $BA=B$  then  $A^2+B^2 =$   
(a)  $A+B$  (b)  $A-B$  (c)  $AB$  (d) 0 [ ]
- ④ If  $\begin{vmatrix} 1 & 2 & x \\ 2 & -1 & 7 \\ 2 & 4 & -6 \end{vmatrix}$  is a singular matrix then  $x =$   
(a) 0 (b) 1 (c) -3 (d) 3 [ ]
- ⑤ If  $A = \begin{bmatrix} 2 & 4 \\ 5 & 6 \end{bmatrix}$  then  $A^T =$   
(a)  $\begin{bmatrix} 5 & 2 \\ 4 & 6 \end{bmatrix}$  (b)  $\begin{bmatrix} 2 & 5 \\ 4 & 6 \end{bmatrix}$  (c)  $\begin{bmatrix} -5 & 2 \\ 4 & -6 \end{bmatrix}$  (d)  $\begin{bmatrix} 2 & 4 \\ 5 & 6 \end{bmatrix}$  [ ]
- ⑥ The roots of the eq  $\sqrt{3x+1} + 1 = \sqrt{x}$  are  
(a) 0 (b) 1 (c) 0.1 (d) None [ ]



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## DIAGNOSTIC TEST KEY

### ACADEMIC YEAR: 2017-18

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1. b

2. b

3. a

4. c

5. a

6. d

7. c

8. c

9. d

10. b

11. c

12. b

13. d

14. b

15. b

16. b

17. b

18. b

19. b

20. c

21. b

22. a

23. b

24. b

25. c

26. a

27. a

28. d

29. b

30. a



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## DIAGNOSTIC TEST MARKS SHEET ACADAMIC YEAR 2017-18

S.NO	BRANCH	NAME OF STUDENT	MATHS	PHY	CHE
1	CSE	ADDAGALLA DHANA LAKSHMI	15	15	16
2	CSE	AMANAGANTI VENKATA REDDY	17	13	15
3	CSE	ANCHA SAI RAMYA	18	18	17
4	CSE	ARVAPALLI MANI KANTA	15	17	17
5	CSE	ATHOTI DIVYA	16	15	15
6	CSE	BANDI SRINIVASA REDDY	17	19	14
7	CSE	BHIMAVARAPU NIVEDITHA	15	17	15
8	CSE	BODDU NAGA GOPALAKRISHNA	12	14	18
9	CSE	BODEPUDI VENKATAPPAYYA	17	21	15
10	CSE	BOGINENI SAI SIDDARTHA	15	14	16
11	CSE	BOLLA AKHILA	12	18	14
12	CSE	CHANDOLU SAI HARI TEJA	16	16	15
13	CSE	CHEVURI LEELA VENKATA SOWMYA	14	12	15
14	CSE	CHILUKURI KEERTHI	17	21	15
15	CSE	CHIRUMAMILLA RAMESH BABU	15	14	16
16	CSE	DRONADULA SRIKANTH	12	18	14
17	CSE	DUDDUKUNTA SIRISHA	16	16	15
18	CSE	ELCHURI ANIL KUMAR	15	14	16
19	CSE	ENNAMURI SUNIL KUMAR	12	18	14
20	CSE	GANDRU ANUHYA	15	15	16
21	CSE	GANTA RAVALI	12	14	18
22	CSE	GAYAM GOPAL REDDY	17	21	15
23	CSE	GOLLAPALLI SRAVAN	15	14	16
24	CSE	GONUGUNTLA VIJAYA DURGA	12	18	14
25	CSE	GOTTIPATI VENKATESWARLU	16	16	15
26	CSE	GUDDETI AJAY KUMAR	14	12	15
27	CSE	GUDIPUDI RUPA UMA SESI REKHA	17	21	15
28	CSE	GUNDA RAMYA	14	15	14
29	CSE	GUNTI LALITHA SIVAJYOTHI	12	15	13
30	CSE	GUNTLA SOWMYA	16	15	15
31	CSE	GURAJALA SRIKANTH	17	19	14
32	CSE	GURRAM VENKATA LAKSHMI SUNITHA	15	17	15
33	CSE	GUTTA MOHAN KRISHNA	12	14	18
34	CSE	JAGARLAMUDI PRAGATHI	17	21	15
35	CSE	JASTI MOUNIKA	15	14	16
36	CSE	KAKUMANU SNEHALATHA	12	18	14
37	CSE	KALLURI ANUSHA	16	16	15
38	CSE	KANDIMALLA NIRANJAN KUMAR	17	19	14
39	CSE	PARIMI SAIKRISHNA	15	17	15
40	CSE	PASUPULETI PAVANI	12	14	18
41	CSE	PEDINEEDI LAHARI	17	21	15
42	CSE	PEMMASANI ROSHITHA	15	14	16
43	CSE	PEMMIASANI SAI LAKSHMI	12	18	14
44	CSE	PENDYALA KOMALI	16	16	15
45	CSE	PENDYALA NAVYA	15	14	16
46	CSE	PERLA PAVANI	12	18	14
47	CSE	POLAVARAPU HEMASRI	15	15	16



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Principal Email : [principal@saityrumala.com](mailto:principal@saityrumala.com), Principal Cell : 9490759655  
Exam Cell Email : [saityrumalaexamsection@gmail.com](mailto:saityrumalaexamsection@gmail.com), Exam Cell Incharge : 7936661116

## DIAGNOSTIC TEST ANALYSIS ACADAMIC YEAR 2018-19

S.NO	BRANCH	NO. OF STUDENT	MATHS	PHY	CHE
1	CIVIL	25	16.04	16.48	16.04
2	MECH	13	15.77	16.31	16.38
3	EEE	5	14.80	16.20	15.00
4	ECE	55	14.98	15.85	15.89
5	CSE	57	14.79	16.35	15.21

HOD

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 Exam Cell Email : saitirumalaeexamsection@gmail.com, Exam Cell Incharge : 7036661116

## BRIDGE COURSE TIME TABLE

	ACDEMIC YEAR - 2017-2018					BRANCH - ECE			
	B.TECH								
DAY/TIME	9.30-10.30	10.30-11.30	11.30-11.45	11.45-12.45	12.45-01.30	01.30-02.30	02.30-3.30		
MON	Physics	Chemistry	B R E A K	Drawing	L U N C H	Eng	Maths		
TUE	Maths	Drawing		Eng		Physics	Physics	Chemistry	
WED	Drawing	Chemistry		Maths		Physics	Eng	Chemistry	Physics
THU	Drawing	Maths		Physics		Eng	Chemistry	Eng	Eng
FRI	Chemistry	Physics		Eng		Physics	Maths	Maths	Drawing
SAT	Eng	Chemistry	Physics	Physics	Drawing	Drawing	Maths		

*M. Venkateswara Rao*

Time Table Incharge

*[Signature]*  
HOD

*[Signature]*  
PRINCIPAL



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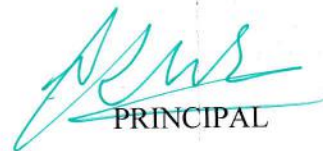
## BRIDGE COURSE TOPICS

Academic Year: 2017-2018

Subject: MATHEMATICS

S.No	UNIT	NAME OF THE TOPIC
1	I	MATRICES
2	II	QUADRATIC EQUATIONS
3	III	INTEGRATION
4	IV	DERIVATIVES

  
NOD

  
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## NAME OF THE EXAMINATION: ASSESSMENT TEST

### ACADEMIC YEAR: 2017-2018

① A matrix having only one row is called [ ]

(a) Square matrix (b) row matrix (c) column matrix (d) symmetric

② The matrix  $\begin{bmatrix} 6 & 0 & 0 \\ 3 & 2 & 0 \\ 5 & 3 & 4 \end{bmatrix}$  is called [ ]

(a) Lower triangular (b) upper triangular (c) Diagonal (d) None

③ If  $\begin{bmatrix} x-3 & x+4y \\ z+2 & 2 \end{bmatrix} = \begin{bmatrix} 2 & -7 \\ 6 & 2 \end{bmatrix}$  then  $y =$  [ ]

(a) 5 (b) -5 (c) -3 (d) 4

④ If B is the inverse matrix of A, then  $AB =$  [ ]

(a) A (b) B (c)  $A^T$  (d) I

⑤ If  $A = \begin{bmatrix} 3 & 1 \\ -1 & 2 \end{bmatrix}$  then  $A^2 - 5A + 7I =$  [ ]

(a) 0 (b) 1 (c) -1 (d) A

⑥ The square matrix A is skew-symmetric, if [ ]

(a)  $A^T = A$  (b)  $(A^T)^T = A$  (c)  $A^{-1} = A^T$  (d)  $A^T = -A$

⑦  $(AB)^T =$  [ ]

(a) AB (b)  $B^T A^T$  (c)  $A^T B^T$  (d) BA





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## ASSESSMENT TEST KEY

ACADEMIC YEAR: 2017-18

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- |       |       |
|-------|-------|
| 1. b  | 16. a |
| 2. a  | 17. c |
| 3. c  | 18. b |
| 4. d  | 19. a |
| 5. a  | 20. d |
| 6. d  | 21. c |
| 7. b  | 22. b |
| 8. d  | 23. a |
| 9. a  | 24. c |
| 10. c | 25. d |
| 11. b | 26. a |
| 12. a | 27. c |
| 13. d | 28. c |
| 14. c | 29. d |
| 15. b | 30. b |



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## ASSESMENMT TEST MARKS SHEET ACADAMIC YEAR 2017-18

DEPT.S&H

S.NO	BRANCH	NAME OF STUDENT	MATHS	PHY	CHE
1	CIVIL	ALLA SAI KUMAR	21	24	18
2	CIVIL	ALLADI SRINIVAS	18	16	20
3	CIVIL	AMARESAM NAGA SRINIVASA RAO	14	20	19
4	CIVIL	BADARABOINA VENKATESH	20	18	18
5	CIVIL	BANDARI SRINIVASARAO	22	21	22
6	CIVIL	BANDARU VENKATESH	21	19	23
7	CIVIL	BATHULA MANIKANTA	19	16	19
8	CIVIL	BATTULA VENKATESWARA RAO	23	18	17
9	CIVIL	BIJINEPALLI MUSALIAIAH	16	17	19
10	CIVIL	BUKKA SAI DURGA NAIK	19	16	20
11	CIVIL	CHALLA SIVAGOVARDHANA NAGARAJU	22	14	17
12	CIVIL	CHAVALA NAGA RAJU	18	17	21
13	CIVIL	DHEEKONDA NAGA BRAHMACHARI	20	21	19
14	CIVIL	DUDEKULA IMMAIAH	18	18	23
15	CIVIL	GOTTAM PRIYANKA	19	20	20
16	CIVIL	GOTTENUKKALA NAGA MAHESWARI	15	22	20
17	CIVIL	GUDIKANDULA NEELIMA	18	16	18
18	CIVIL	GUNAPATI RAJESH	20	19	19
19	CIVIL	GUNTI SANTHI BHAVANI	18	22	16
20	CIVIL	INALA VENKATARAO	15	24	19
21	CIVIL	KALUPUKURI PEETARPAL	24	19	20
22	CIVIL	KAMBHAMPATI ITHIHAS	15	20	23
23	CIVIL	KAMBHAMPATI KAVYA	19	20	24
24	CIVIL	KANDUKURI LAKSHMANA RAO	19	17	25
25	CIVIL	KANKANAMPATI KOTESWARA RAO	16	19	18

18.76

18.92

19.88

  
HOD

  
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Exam Cell Email : saitirumalaexam@gmail.com, Exam Cell Phone No : 9923466118

## ASSESSMENT TEST ANALYSIS

### ACADAMIC YEAR 2018-19

S.NO	BRANCH	NO. OF STUDENT	MATHS	PHY	CHE
1	CIVIL	25	18.76	18.92	19.88
2	MECH	13	19.85	19.46	19.46
3	EEE	5	16.60	18.40	17.20
4	ECE	55	17.71	19.13	19.11
5	CSE	57	17.86	18.37	17.04

HOD

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 Opp Saibaba Temple, Pennatalagadda, Narasiripeta-522601, Guntur (Dist)  
 Principal Email : principal@saityrimala.com, Principal Cell : 9490759655  
 Exam Cell Email : saityrimalaexam@saityrimala.com, Exam Cell No: 9490759655

DEPT : S&H

BRIDGE COURSE ANALYSIS 2017-18

S.NO	BRANCH	NO.OF STUDENTS	MATHS (AVG%)		PHYSICS(AVG%)		CHEMISTRY(AVG%)	
			DIAGNOSTIC	ASSESSMENT	DIAGNOSTIC	ASSESSMENT	DIAGNOSTIC	ASSESSMENT
1	CIVIL	25	16.04	18.76	16.48	18.92	16.04	19.88
2	MECH	13	15.77	19.85	16.31	19.46	16.38	19.46
3	EEE	5	14.80	16.60	16.20	18.40	15.00	17.20
4	ECE	55	14.98	17.71	15.85	19.13	15.89	19.11
5	CSE	57	14.79	17.86	16.35	18.37	15.21	17.04

155

HOD

PRINCIPAL



# SAI TIRUMALA NVR ENGINEERING COLLEGE

(Approved by AICTE, New Delhi & Affiliated to J.N.T.U. Kakinada)  
Opp. Saibaba Temple, Jonnalagadda, NARASARAOPET - 522 601. Guntur Dt. (A.P.)  
Principal Email : principalstirumala@gmail.com, Principal Cell : 9490759655

## STUDENT COUNSELING FORM

STUDENT REGISTERED No : 1 7 A R I A 0 2 0 6

BATCH : 2017 - 2021 , BRANCH : E.E.E

01. Name of the Student : ..... Kumba Swapna Sree .....

Date of Birth : ..... 06-07-2000 .....

02. Father's Name & Profession : ..... Kumba Yedukondalu ; Farmer .....

Contact No. : 9989776711 ..... E-mail : kumba.swapna.sree23@gmail.com

S.S.C. Marks

8.8

Inter Marks

959

EAMCET Rank

44,454

03. Address :

Permanent Address	Local Guardian's Address, if any
H. DR. NO. 8-02	H. DR. NO. 8-02
Yerrabalem (vill. post),	Yerrabalem (vill. post),
Krosur (Mandal),	Krosur (Mandal),
Guntur (District).	Guntur (District).
Phone No : 9989776711, 9030201120.	Phone No : 9989776711, 9030201120

04. Attendance Particulars : Month & Sem-Wise

I Year

I Semester - Attendance Particulars						
Month (s)	Jun	July	Aug	SEP	oct	Total % of Attendance
% of Attendance	92	91	91	91	90	91%

II Semester - Attendance Particulars						
Month (s)	DEC	Jan	Feb	Mar	April	Total % of Attendance
% of Attendance	73	91.327	91.327	91.327	91.327	88.92%

II Year

I Semester - Attendance Particulars						
Month (s)	Jun	July	Aug	SEP	oct	Total % of Attendance
% of Attendance	78	89	94	92	91	88.8%

II Semester - Attendance Particulars						
Month (s)						Total % of Attendance
% of Attendance						

III Year

I Semester - Attendance Particulars						
Month (s)						Total % of Attendance
% of Attendance						

II Semester - Attendance Particulars						
Month (s)						Total % of Attendance
% of Attendance						

IV Year

I Semester - Attendance Particulars						
Month (s)						Total % of Attendance
% of Attendance						

II Semester - Attendance Particulars						
Month (s)						Total % of Attendance
% of Attendance						

