



MADE EASY

India's Best Institute for IES, GATE & PSUs

Answer Key of GATE 2016

Dear students,

MADE EASY team has tried to provide the best possible/closest answers, however if you find any discrepancy then write your doubts to MADE EASY at: info@madeeasy.in. MADE EASY owes no responsibility for any kind of error due to data insufficiency/misprint/human errors etc.

B. Singh (Ex. IES), Chairman & Managing Director, MADE EASY Group

Rewards & Honours

MADE EASY will honour its
GATE 2016: Top-100 Rankers

AIR 1
Gold Medal + Car

AIR 2
Gold Medal + Bike

AIR 3
Gold Medal + Laptop

AIR 4
Silver Medal + Tab

AIR 11-100
Bronze Medal + Prize

GATE-2016 aspirants who have taken guidance from MADE EASY (Classroom, Postal, Test Series in current session or previous sessions) are requested to inform us about your result and avail free Interview & Counseling Guidance for M.Tech & PSUs.

GATE-2016 : ANSWER KEY

Mechanical Engg. Set-3 (Session 3)

| Non-Technical | | | | | |
|-------------------|----------|------------|------------|--|--|
| 1. (c) | 6. (a) | 23. (b) | 40. 8.765 | | |
| 2. (b) | 7. (c) | 24. (c) | 41. (b) | | |
| 3. (c) | 8. (b) | 25. (d) | 42. 11.05 | | |
| 4. (c) | 9. (d) | 26. 2 | 43. 42.43 | | |
| 5. (b) | 10. (b) | 27. 16 | 44. 85 | | |
| 6. (d) | 11. 100 | 28. (c) | 45. 17.04 | | |
| 7. (a) | 12. (c) | 29. (a) | 46. 464.14 | | |
| 8. (d) | 13. 1 | 30. 133.33 | 47. (*) | | |
| 9. (c) | 14. (b) | 31. 20 | 48. 2.91 | | |
| 10. (b) | 15. 67.5 | 32. 3 | 49. (b) | | |
| | 16. (b) | 33. 0.2 | 50. 5.024 | | |
| Technical Section | | | | | |
| 1. (c) | 17. (c) | 34. (d) | 51. 15 | | |
| 2. (c) | 18. (b) | 35. (b) | 52. 675 | | |
| 3. (b) | 19. 52.8 | 36. 2 | 53. (a) | | |
| 4. 99.74 | 20. (c) | 37. 0.5 | 54. (d) | | |
| 5. (c) | 21. (c) | 38. 40 | 55. 40000 | | |
| | 22. (b) | 39. 8/3 | | | |

MADE EASY will conduct counseling session for M. Tech Admission after the GATE result.

Admissions Open *for* Session 2017
at all centres of MADE EASY

MADE EASY
Centres

DELHI | NOIDA | LUCKNOW | JAIPUR | BHOPAL | INDORE | PUNE | HYDERABAD | BHUBANESWAR | KOLKATA | Patna
011-45124612 | 0120-6524612 | 09919111168 | 0141-4024612 | 0755-4004612 | 0731-4029612 | 020-26058612 | 040-66774612 | 0674-6999888 | 033-6888880 | 09955991166



MADE EASY

India's Best Institute for IES, GATE & PSUs

National Scholarship Test for **GATE & ESE** 2017 aspirants Scholarship upto **100%** in classroom courses

Thousands of talented engineering graduates dream about prestigious engineering service examination, public sectors, IITs etc. But due to unfavorable economic conditions, these students are unable to take coaching guidance. Therefore MADE EASY has taken a initiative to acknowledge the talented in the form of scholarships. MADE EASY will provide scholarship worth more than 1.25 crores for those students who wish to enroll classroom courses for the session 2016-17.

| Category | Scholarship % in Tuition fee |
|----------|------------------------------|
| A | 100% |
| B | 75% |
| C | 50% |
| D | 25% |
| E | 10% |

Scholarship will vary from 10% to 100% of tuition fee, based on merit list.

Scholarship Worth more than ₹ **1.25 Crores**

Scholarship Test will be conducted in **42** Cities

Delhi, Noida, Hyderabad, Lucknow, Bhopal, Jaipur, Indore, Pune, Bhubaneswar, Kolkata, Patna, Bhubli, Bangalore, Chennai, Nagpur, Chandigarh, Kanpur, Ranchi, Vijayawada, Dehradun, Kochi, Vishakhapatnam

Test Dates

28th Feb, 2016
06th Mar, 2016

Candidate can appear in any **ONE** test only

Test Pattern (Objective Type)

| | | |
|-------------------------|---|------|
| Basic Engineering | : | 50 Q |
| Engineering Mathematics | : | 20 Q |
| Reasoning & Aptitude | : | 20 Q |
| General English | : | 10 Q |

100 marks | 100 questions | 2 hours
Per question: 1 mark, Negative marking : 0.33 marks

Test Syllabus : Basic Engineering

Civil

Strength of materials, Design of Concrete structures , Soil mechanics and Foundation Engg, Environmental Engg, Fluid Mechanics & Highway Engg.

Mechanical

Basic thermo dynamics , Heat & Mass transfer , Fluid Mechanics, Industrial Engg, Production Engg and Theory of Machines.

Electrical

Network theory , Control System , Electrical machines, Power systems, electrical Measurements, Analog electronics.

Electronics

Network theory, Control System, electronic devices & Circuits, Analog electronics, Digital electronics and Communication systems.

Computer Science

TOC, Algorithms and Programming Methodology, Operating System, DBMS, Computer Networks, Compiler design

PROCEDURE for Registration



- Log on to www.madeeasy.in
- Fill National Scholarship Test online registration form.
- Computer generated Admit Card will be mailed to your respective e-mail id.
- Venue & timing will be mentioned on Admit Card.
- Candidate should produce Admit Card along with photo id proof to enter the examination hall.

Important Dates

| | | |
|------------------------------|---|-------------|
| Last date to register online | : | 20-Feb-2016 |
| National Scholarship Test-1 | : | 28-Feb-2016 |
| National Scholarship Test-2 | : | 06-Mar-2016 |
| Results | : | 15-Mar-2016 |

For more details, visit : www.madeeasy.in • Call us at : 011-45124612



MADE EASY

India's Best Institute for IES, GATE & PSUs

Crack in 1st Attempt

ESE, GATE & PSUs

• Best Faculty • Best Study Material • Best Results

Features of Classroom Courses

- Experienced Faculty
- GATE/ESE Test Series
- Updated Books and Reading References
- Regular classroom tests followed by discussions
- Doubt clearing sessions
- Interview Guidance Program
- Coverage of syllabus before GATE/ESE exams.
- Orientation sessions for GATE/ESE

ADMISSIONS OPEN *for* Session 2016-17 at all centre of MADE EASY

Delhi 44-A/1, Kalu Sarai, Near Hauz Khas Metro Station, New Delhi-16; **E-mail** : infodelhi@madeeasy.in **Ph.:** 011-45124612, 09958995830

Noida D-28 Sector-63 Noida, Uttar Pradesh; **E-mail**: infonoida@madeeasy.in **Ph.:** 0120-6524612, 08860378009

Lucknow B1/67, Sector P, Aliganj, Lucknow; **E-mail** : infolucknow@madeeasy.in **Ph.:** 09919111168, 08400029422

Jaipur AB-559, Kings Road, Nirman Nagar, Jaipur, Rajasthan; **E-mail** : infojaipur@madeeasy.in **Ph.:** 0141-4024612, 09166811228

Bhopal Plot No. 46 , Zone - 2 M.P. Nagar, Bhopal (Madhya Pradesh)- 462021; **E-mail** : infobhopal@madeeasy.in **Ph.:** 0755-4004612, 08120035652

Indore Gemini Mall, PU3, Opp. Orbit Mall, A.B. Road, Vijay Nagar, Indore; **E-mail** : infoindore@madeeasy.in **Ph.:** 0731-4029612, 07566669612

Pune II Floor, Business Bay, Plot No. 84, Near R.T.O. Shivaji Nagar, Pune; **E-mail** : infopune@madeeasy.in **Ph.:** 020-26058612, 09168884343

Hyderabad 5-1-744, Bank Street, Koti, Hyderabad-95; **E-mail** : infohyderabad@madeeasy.in **Ph.:** 040-24652324, 09160002324

Bhubaneswar Plot No-1441, CRPF Square, Opposite to IOCL Petrol Pump; **E-mail** : infobhubaneswar@madeeasy.in **Ph.:** 0674-6999888, 9040999888

Kolkata 755, Anandapur Next to Fortis Hospital Off-EM Bypass Kolkata; **E-mail** : infokolkata@madeeasy.in **Ph.:** 033-68888880, 08282888880

Patna Nutan Complex, Near Krrish Hyundai, Main Road, Kankarbagh, Patna; **E-mail** : infopatna@madeeasy.in **Ph.:** 9955991166

Corporate Office : 44-A/1, Kalu Sarai, Sarvapriya Vihar, New Delhi - 110016

 **011-45124612**

 **www.madeeasy.in**



MADE EASY

India's Best Institute for IES, GATE & PSUs

Online Test Series *for* ESE-2016



34
Tests

Objective & Conventional Tests

- 24 Subjectwise Tests
- 10 Full Syllabus Tests
- 19 Objective Tests
- 15 Conventional Tests

STREAMS OFFERED



To enroll online, visit

www.madeeasy.in

Tests starting *from*

20th Feb, 2016

Technical Queries :

011-45124612 , 09818098817

Classroom Test Series *for* ESE-2016

Including CBT (Classroom Tests + Centre Based Tests)

24
Tests

Objective & Conventional Tests

- 6 Subjectwise Objective
- 2 Full Syllabus Objective
- 1 Full Syllabus General Ability
- 6 Subjectwise Conventional
- 2 Full Syllabus Conventional
- 2 Subjectwise General Ability

+ 5 Centre Based Tests

Exactly same pattern as UPSC Engineering Services Exam

STREAMS OFFERED



To enroll online, visit

www.madeeasy.in

Tests starting *from*

5th Mar, 2016

Technical Queries :

011-45124612 , 09818098817

Admissions Open

For detailed schedule & fee structure, visit: www.madeeasy.in

Corporate Office : 44-A/1, Kalu Sarai, New Delhi-110016; Ph: 011-45124612, 09958995830

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