## B.E/B.TECH, M.E/M.TECH, MBA, MCA, POLYTECHNIC & SCHOOLS

Notes Syllabus Question Papers Results and Many more... Available @

www.binils.com

	Reg. No. :	
Question	Paper Code : 20693	
B.E./B.Tech. DEGI	REE EXAMINATIONS, APRIL/MAY 20	)22.
Sixt	h/Seventh/Eighth Semester	
A	Aeronautical Engineering	
GE 8076 — PROF	ESSIONAL ETHICS IN ENGINEERIN	IG
Engineering/Electronics a Instrumentation Engineering/ Environmental Engineering/ Industrial Engineering Engineering/Manufacturing E Engineering/Mechanical I Mechanical and Automation Electronics/Petrochemical Automation/Bio Technology/ Engineering/Fashion Tec Technology/Information 7	ommunication Engineering/Electrical a and Communication Engineering/Electr ng/Electronics and Telecommunication I Geoinformatics Engineering/Industrial and Management/Instrumentation and ingineering/Marine Engineering/Materi Engineering/Mechanical Engineering (S on Engineering/Mechatronics Engineeri Engineering/Production Engineering/Re Chemical Engineering/Chemical and Ele chnology/Food Technology/Handloom an Fechnology/Petrochemical Technology/P Technology/Plastic Technology/Polymer Chemistry/Textile Technology)	conics and Engineering/ Engineering/ Control al Science and Sandwich)/ ng/Medical obotics and ectrochemical ad Textile Petroleum
	(Regulations 2017)	100
Fime : Three hours	Maximu	um : 100 marks
	Answer ALL questions.	
PAH	$RTA - (10 \times 2 = 20 marks)$	
1. Define Human Value.		
2. What is Service learning	?	
3. Define Engineering Ethic	28.	
4. Differentiate between Mo	orals and Ethics.	
5. What is code of Ethics?		

Question Paper Sponsored by M.E.T. Engineering College, Chenbagaramanputhoor, Kanyakumari Dist.

## B.E/B.TECH, M.E/M.TECH, MBA, MCA, POLYTECHNIC & SCHOOLS

Notes Syllabus Question Papers Results and Many more... Available @

www.binils.com

6.	Give note on the senses of responsibility for engineers.
7.	What is meant by conflict of interest?
8.	Give a brief note on types of risk.
9.	Brief on the importance of Environmental ethics.
10.	State the role of Corporate Social Responsibility.
	PART B (5 × 13 = 65 marks)
11.	(a) Enumerate on the importance and characteristics of service learning.
	Or
	(b) (i) State and explain the elements and benefits of Empathy. (8)
	(ii) Compare Empathy with Sympathy. (5)
12.	(a) Discuss any two theories of Moral Autonomy.
	Or
	(b) Give a detail note on models of Professional engineers.
13.	(a) Discuss the importance of duty ethics and virtue in Engineering profession.
	Or
	(b) Compare and contrast Engineering Experiment with Standard experiment with suitable example.
14.	(a) Explain how elements of intellectual property rights benefits people.
	Or
	(b) (i) Explain how the risks are reduced. (7)
a.	(ii) Explain the concept of Risk-Benefit Analysis. (6)
15.	(a) Justify engineers as expert witness and advisors with suitable examples.
	Or
	(b) Enumerate on the moral and ethical issues involved in use of computers.
	2 20693

Question Paper Sponsored by M.E.T. Engineering College, Chenbagaramanputhoor, Kanyakumari Dist.

## B.E/B.TECH, M.E/M.TECH, MBA, MCA, POLYTECHNIC & SCHOOLS

Notes Syllabus Question Papers Results and Many more... Available @

www.binils.com

PART C — (1 × 15 = 15 marks)

16. (a) Analyze the significance of Yoga and meditation for professional excellence and stress management.

Or

3

M.E.T. Engineering College, Chenbagaramanputhoor, Kanyakumari Dist.

(b) Detail on the scope and importance of Professional Ethics in Engineering.



Question Paper Sponsored by

Check <u>www.Photoplex.Net</u> & <u>Android App</u>

20693