	Reg. No. :	The second second	THE PART OF THE PA	95 38
	Question Pa	per Code :	41186	3
Tì	E./B.Tech. DEGREE E hird/Fourth/Fifth/Sixth Mechan 351 – ENVIRONMENT	/Seventh/Eighth ical Engineering	/Nineth Ser	nester
Agricultural Engineeri Engineeri Instrume	to Mechanical Engineer Engineering/Automobing/ Computer Science a ing/Electronics and Con tation Engineering/Eng/Industrial Engineering	le Engineering/B and Engineering/ mmunication En- avironmental En- ng/Industrial Eng	iomedical B Electrical a gineering/E gineering/G rineering ar	Ingineering/ Civil and Electronics and Electronics and Geoinformatics and Management/
Instrument Engineer Mechanica Electronica Automatio Electrochemi	ation and Control Enging/Materials Science at and Automation Enging/Petrochemical Engine Engineering/Bio Techcal Engineering/Fashionology/Information Technology/Information Information I	neering/Manufacture Engineering/Mechatra eering/Production mology/Chemical on Technology/Fo hnology/Petroch	Mechanical ronics Engire in Engineering od Technologemical Tech chnology/Po nnology)	neering/Marine I Engineering/ neering/Medical ng/Robotics and ng/Chemical and ogy/Handloom and nnology/Petroleum
Instrument Engineer Mechanica Electronica Automatio Electrochemi Textile Techn Engineering	ation and Control Enging/Materials Science at and Automation Enging/Petrochemical Engine Engineering/Bio Techcal Engineering/Fashionology/Information Technology/Information Information Info	neering/Manufacture Engineering/Mechatroneering/Production (mology/Chemical on Technology/Fohnology/Petrochology/Plastic Technology/Pastic Technology/Petrochology/Plastic Technology/Petrochology/Plastic Technology/Plastic	Mechanical ronics Engire in Engineering od Technologemical Tech chnology/Po nnology)	neering/Marine l Engineering/ neering/Medical ng/Robotics and ng/Chemical and ogy/Handloom and nnology/Petroleum lymer Technology/
Instrument Engineer Mechanica Electronica Automatio Electrochemi Textile Techn Engineering	ation and Control Enging/Materials Science at and Automation Enging/Petrochemical Engine Engineering/Bio Techcal Engineering/Fashionology/Information Technology/Information Information Info	neering/Manufacture Engineering/Mechatron Production and Engineering/Production and Technology/Fohnology/Petrochology/Plastic Technology/Textile Technology/Textile Technology/Pations 2013)	Mechanical ronics Engire in Engineering od Technologemical Tech chnology/Po nnology)	neering/Marine l Engineering/ neering/Medical ng/Robotics and ng/Chemical and ogy/Handloom and nnology/Petroleum lymer Technology/
Instrument Engineer Mechanica Electronica Automatio Electrochemi Textile Techn Engineering Time: Three F	ation and Control Enging/Materials Science at and Automation Enging/Petrochemical Engine Engineering/Bio Techcal Engineering/Fashionology/Information Technology/Information Information Info	neering/Manufacture Engineering/Production and Engineering/Production and Engineering/Production and Engineering/Production Technology/Petrochology/Plastic Technology/Plastic Technology/Pastic	Mechanical ronics Engire in Engineering od Technologemical Tech chnology/Po nnology)	neering/Marine l Engineering/ neering/Medical ng/Robotics and ng/Chemical and ogy/Handloom and nnology/Petroleum lymer Technology/
Instrument Engineer Mechanica Electronica Automatio Electrochemi Textile Techn Engineering Time: Three F	ation and Control Enging ing/Materials Science at and Automation Engine in Engineering/Bio Tech cal Engineering/Fashio cology/Information Tech Textile Chemical Chemical Chemical Techn Textile Chemical	neering/Manufacture and Engineering/Mechatroneering/Production and Engineering/Production and Engineering/Production and Engineering/Production and Technology/Petrochology/Plastic Technology/Plastic Tech	Mechanical conics Engire in Engineering Engineering od Technologemical Technology/Ponnology)	ineering/Marine I Engineering/ neering/Medical ng/Robotics and ng/Chemical and ogy/Handloom and nnology/Petroleum lymer Technology/ [aximum: 100 Marks (10×2=20 Marks)
Instrument Engineer Mechanica Electronics Automatio Electrochemi Textile Techn Engineering Time: Three F	ation and Control Enging ing/Materials Science at and Automation Engine in Engineering/Bio Tech cal Engineering/Fashio cology/Information Tech Textile Chemical Chemical Chemical Techn Textile Chemical	neering/Manufacture and Engineering/Mechatroneering/Mechatroneering/Production (Incomplete and Incomplete and I	Mechanical ronics Engine Engineering Engineering od Technology/Ponnology)	ineering/Marine I Engineering/ neering/Medical ng/Robotics and ng/Chemical and ogy/Handloom and nnology/Petroleum lymer Technology/ [aximum: 100 Marks (10×2=20 Marks)

41186 5. Define the term 'man induced landslide'. 6. What is bioconversion of pollutants? Give example. 7. What are biomedical wastes? Give example. 8. Define the term 'environmental ethics'. 9. What is population explosion? 10. Define 'GIS-remote sensing'. PART - B 11. a) i) What are ecological succession processes? Explain in detail. ii) Explain the desert and grassland ecosystem in details. b) i) Explain any ten control measures man-wildlife conflicts in detail. ii) Explain the conservation of biodiversity via in-situ and ex-situ in detail. 12. a) i) What are the roles of individual in prevention of pollution? Explain ii) What is the various water treatment processes? Explain any two. b) i) Explain the term 'marine pollution' and nuclear hazards in detail. ii) What are ozones? Explain their functions and depletion mechanism. 13. a) i) Explain the exploitation of mineral resources with two case studies. ii) Explain the role of an individual in conservation of natural resources. b) i) Explain the energy conversion process with suitable examples ii) What is biochemical degradation of pollutants? Explain. 14. a) i) Explain the 12 principles of Green Chemistry. ii) What are resettlement and rehabilitation of people? Explain. (OR)

-3. 41186

- b) i) Explain the roles of state and central pollution control board .
 - ii) Explain Wildlife Protection Act and Forest Conservation Act in detail.
- 15. a) i) Explain any ten role of information technology in human health.
 - ii) How to give value education on HIV/AIDS? Explain.

(OR)

- b) i) What are the woman and child welfare programme available in India? Explain in detail.
 - ii) What are the family welfare programmes available? Explain.

PART - C

(1×15=15 Marks)

16. Give a case study of any anthropogenic (Man-made) pollution disaster (s) known to you and discuss the effects of these on the environment (including the human populations) in which they happened.

www.binils.com