

Government College of Engineering, Aurangabad

(An Autonomous Institute of Government of Maharashtra)

M.E. (All Branches) FT+PT

End Semester Examination - November 2016

GE 612: ENVIRONMENTAL STUDIES

Time: Three Hours

NOV 2016

Max. Marks: 60

Verify the course code and check whether you have got the correct question paper

Note: i) All questions carry equal marks.

ii) Q. No. 7 is compulsory & according to respective branch.

ii) Solve any FOUR questions from Q. No. 1 to Q. No. 6.

iii) Figures to the right indicate full marks.

iii) Draw the neat-labelled diagrams & illustrate your answers wherever necessary.

Q.1 Write on account on hydro energy & hydal power potential of India. Add a note on advantages & limitations of hydro power. (12)

Q.2 Write an account on Renewable & non-renewable resources. Add a note on exploitation of resources and degradation of environment. (12)

Q.3 Define Biodiversity. Give its importance in detail and add note on value of biodiversity. (12)

Q.4 Explain in detail River action plan of Government of India. (12)

Q.5 Describe the water pollution with its effect & controlling measures. (12)

Q.6 Write note on: (12)

i) Thermal pollution

ii) Noise pollution

Q.7 Solve the question according to respective branch. (12)

(For Computer Science & Engineering)

Explain in detail Green revolution & add a note on disadvantages & benefits of green revolution.

(For Civil Engineering)

Give an account on water conservation strategies.

(For Electronics & Telecommunication Engineering)

Explain RF radiation & Give an account on electromagnetic field hazards exposure.

(For Electrical Engineering)

Give an account on various electrical equipments used in engineering & their impact on environment.

(For Mechanical Engineering)

Write a note on Carbon Credits & Ecological Footprint.
