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BMLT/2nd Sem/
ESH/AECC-2/23

2023

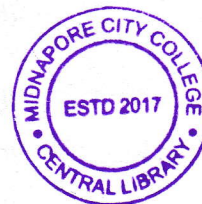
BMLT 2nd Semester Examination

Environmental Science and Health

PAPER — AECC-2

Full Marks : 80

Time : 3 hours



The figures in the right-hand margin indicate marks.

*Candidates are required to give their answers
in their own words as far as practicable.*

Illustrate the answers wherever necessary.

Answer from **all** the Groups as directed.

GROUP—A

1. Answer *any ten* questions : 2×10=20
- (a) Define primary pollutant.
 - (b) Write the full forms of POPs and GHGs.
 - (c) Define biomedical waste.
 - (d) Define health.
 - (e) What is eutrophication?

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(Turn Over)



(2)

- (f) What do you mean by global warming?
- (g) Define silicosis.
- (h) Write the components of SOX and NOX.
- (i) What do you mean by heat stroke?
- (j) Define stratosphere.
- (k) Write any two examples of non-biodegradable pollutants.
- (l) What do you mean by 'Minamata disease'?
- (m) What is Black Foot Disease?
- (n) Write any two health hazards by hospital wastes.
- (o) Write the full forms of BOD and COD.

GROUP—B

Answer any six questions : 5×6=30

2. State in brief about primary treatment of sewage. 5
3. Describe in short about the treatment of hospital waste. 5
4. Write the effect of global warming on living creatures including human. 5
5. Discuss the water quality criteria for drinking purpose. 5

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(Continued)



(3)

6. Describe the human health hazards (major types) due to air pollution. 5
7. Write in general the controlling measures against air pollution. 5
8. Write the health hazards due to arsenic pollution in water. 5
9. Discuss the impact of environment on health in general. 5

GROUP—C

Answer any three questions : 10×3=30

10. Describe the methods of solid waste disposal. 10
11. Discuss in brief about the disposal and treatment of hospital waste. 6+4=10
12. What are the causes of ozone hole formation? Discuss the impact of ozone hole on organisms including human. 3+7=10
13. Write the types of ventilation and discuss the standards of ventilation. 3+7=10
14. Discuss the effect of heat stress on human body. Write the controlling measures against health hazards induced by heat stress. 5+5=10

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