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6 SEM TDC DSE SNS (CBCS) 2 (H)

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(May)

SANSKRIT

(Discipline Specific Elective)

(For Honours)

Paper : DSE-2

(Environmental Awareness in Sanskrit Literature)

Full Marks : 80

Pass Marks : 32

Time : 3 hours

*The figures in the margin indicate full marks
for the questions*

SECTION—A

(Environmental Issues and Importance of
Sanskrit Literature)

(Marks : 20)

1. Give short answers of the following as directed :

1×3=3

(a) Derive the term 'ecology'.

(2)

(b) What are the major components of environment?

(c) World Earth Day is observed on 22nd April / 5th June / 2nd February.

(Choose the correct answer)

2. What is environment? 2
3. What are the five elementary sources of environment? Explain briefly. 5
4. Write a note on water preservation techniques as propounded in the Sanskrit literature. 6
5. Give a brief discussion on Buddhists and Jaina concept of 'protection of tress'. 4

SECTION—B

(Environmental Awareness in Vedic Literature)

(Marks : 24)

6. Define the concept of ozone-layer as found in Vedic literature. 4

Or

Why the word 'Parivṛta (परिवृत)' is stated as equivalent of environment?

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(Continued)

(3)

7. Prepare a note on the natural sources of water in different forms. 6
8. How many basic elements of universe are there? What are they? Write in short about this concept as mentioned in the *Aitareya Upaniṣad* ('ऐतरेय उपनिषद्'). 1+2+5=8

Or

Elucidate the Atharvavedic knowledge of environmental preservation.

9. Write a short note on any one of the following : 6
- (a) Environmental awareness as reflected in the *Rgveda*
- (b) Importance of animals and birds for preservation of global ecosystem

SECTION—C

(Environmental Awareness in Classical Sanskrit Literature)

(Marks : 36)

10. Give short answers of the following : 1×2=2
- (a) What is the meaning of 'Vāpi'?
- (b) Who is the author of *Bṛhatsamhitā*?

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(Turn Over)

11. Name the trees which are planted for recharging underground water as described in the *Bṛhatsamhitā*. 4
12. Describe about various medicinal trees to be planted by a king as stated in *Śukranīti*. 8
13. What is water pollution? What are the effects of water pollution on human health? Write a note on the various types of water canals. 2+3+5=10
14. Write short notes on any three of the following : 4×3=12
- (a) Natural resources in Kālidāsa's 'अभिज्ञानशाकुन्तलम्'
- (b) Seasonal weather condition of Indian sub-continent described as 'ऋतुसंहर' of Kālidāsa
- (c) Oceanography in 'सुवंशम्' (Canto 13) of Kālidāsa
- (d) Himalayan ecology as found in 'कुमारसम्भवम्'
