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63/1 (SEM-5) DSE2/SNSHE5026

2024

SANSKRIT

Paper : SNSHE5026

**(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.**

1. Choose the correct answer : (any six)
1×6=6

a) Lakes are known as _____ in the Vedas.

(i) नदी

(ii) स्वयंजा:

(iii) आतपवर्षा

(iv) जलाशयः

b) In the drama, 'अभिज्ञानशाकुन्तलम्',

'Sakuntala's' pet animal was a/an

(i) Cow

(ii) Elephant

(iii) Deer

(iv) Lion.

c) Ozone layer of upper atmosphere is being destroyed by

(i) sulphur dioxide

(ii) smog

(iii) chlorofluorocarbons

(iv) photochemical oxidants

d) Who is the author of the 'शुक्रनीति'?

(i) आर्यभट्टः

(ii) शुक्राचार्यः

(iii) कालिदासः

(iv) वराहमिहिरः

e) In which Sanskrit Kāvya, ecosystem of Indian monsoon is described?

(i) मेघदूतम्

(ii) कादम्बरी

(iii) ऋतुसंहारम्

(iv) गीतगोविन्दम्

f) In which purāṇa, do we find the name of the tree 'Ashvattha'?

(i) विष्णुपुराणः

(ii) वराहपुराणः

(iii) शिवपुराणः

(iv) स्कन्धपुराणः

g) In which year the Environment Protection Act was enacted?

(i) 1984

(ii) 1986

(iii) 2014

(iv) 2001

h) Who is the author of the 'Arthaśāstra'?

(i) नारदः

(ii) कौटिल्यः

(iii) आर्यभट्टः

(iv) पराशरः

i) A non-renewable resources is

(i) water

(ii) forest

(iii) wildlife

(iv) coal

j) In which Veda is the preservation of the global ecosystem discussed?

(i) यजुर्वेदः

(ii) सामवेदः

(iii) रोतेरीयब्रह्मणः

(iv) आयुर्वेदः

2. Answer the following questions : **(any five)**
2×5=10

a) What is Global warming?

b) Give the names of any two rivers which are worshipped in the vedic period.

c) Name two equivalent words for environment mentioned in the 'अथर्ववेद'.

d) Name the five forms of natural sources as described in the Vedas.

e) Write a note on Water Hydrology as we found in Brhatsamhitā.

f) Give the definition of Ecology.

g) What is your understanding of 'जैव-जगतः'.

3. Answer the following questions : **(any six)**
5×6=30

a) What are the significances of planting various medicinal plants?

b) Explain the following verse :

सत्येनोत्तभिता भूमिः सूर्येणोत्तभिता धौः ।

ऋतेनादित्यास्तिष्ठन्ति दिवि सोमो अधि श्रितः ॥

c) Water resources in 'अग्निपुराणम्'— Make a note on it.

d) Translate the following verse :

आपो अस्मान् मातरः शुन्ध्यन्तु घृतेन नो घृतज्वः पुनन्तु ।
विश्वं हि रिप्रं प्रवहन्ति देवी रुदिदाश्वः शुचिरा पूत एमि ।

e) Write a note on the worship of rivers as found in the vedic literature.

f) Write a note on River pollution.

g) Give an idea of tree plantation as found in the Varāha Purāṇa.

h) Prepare a short note on Buddhist concepts of ecology.

i) Quote from your memory a verse from the *Meghadūta*, which reflects the monsoon weather of North India.

j) What is the meaning of the term 'छन्दसि'? Write a note on it.

4. Answer **any two** of the following questions :
10×2=20

a) Explain the concept of 'अष्टमूर्तिः' of Śiva as found in the first verse of the *Abhijñānaśākuntalam*.

b) Write a note on the environmental awareness as found in the *Mahābhārata*.

c) According to the *Arthaśāstra*, what are the duties of a king regarding the environment and what are the punishments for the destruction of trees?

d) Write a note on the worship of rivers as found in the vedic literature.

5. Discuss the eco-friendly environmental concepts as found in the *Upanishads*. 14

Or

Discuss as per Purāṇa, the planting of trees as a pious activity. 14

Or

Write short notes on the following :
7×2=14

i) Climate change

ii) Earthquakes.