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COMMON FOR ALL COURSE

SUBJECT: Environmental Science/Studies

CODE: AEC-02

Time : 3:00 Hours

[Max. Marks : 70]

I	Long Question : Answer Any Three	[10×3=30]
1.	Describe in-situ and ex-situ conservation methods of biodiversity with examples. जीव विविधता के इन-सीटू और एक्स-सीटू संरक्षण विधियाँ सहित वर्णन करें।	
2.	Describe the structure and functions of pond ecosystem with a suitable example. तालाब पारिस्थितिकी तंत्र की संरचना और कार्यों का उपयुक्त उदाहरण सहित वर्णन करें।	
3.	Draw the neat and clean diagram of Atmospheric layers and explain them? वायुमंडलीय परतों का साफ-सुथरा आरेख बनाएं और उन्हें समझाएं ?	
4.	Define pollution? Discuss the cause, effects and control measures of air pollution in detail? प्रदूषण की परिभाषित करें? प्रमुख प्रदूषण के कारण, प्रभाव और नियंत्रण उपायों पर विस्तार से वर्णन करें ?	
II.	Short Question: Answer any Five	[5×5=25]
1.	What is the need for public awareness in environmental protection? पर्यावरण संरक्षण में जन जागरूकता की क्या आवश्यकता है?	
2.	Define environmental science. पर्यावरण की परिभाषित करें और इसके दायरे की व्याख्या करें।	
3.	Define forest resource values? Discuss the causes, effects and control measures of deforestation? वन संसाधन मूल्यों की परिभाषित करें? वनों की कटाई के कारणों, प्रभावों और नियंत्रण उपायों पर वर्णन करें?	
4.	Define the term ecological pyramid? Describe different type of ecological pyramid with examples? पारिस्थितिक पिरामिड शब्द की परिभाषित करें? विभिन्न प्रकार के पारिस्थितिक पिरामिड का उदाहरण सहित वर्णन करें?	
5.	What do you mean by mining and their impact? खनन और उनके प्रभाव से आपका क्या अभिप्राय है?	
6.	Explain the concept of biodiversity. What are the major threats to biodiversity? जीव विविधता की अवधारणा की व्याख्या करें। जीव विविधता के लिए प्रमुख खतरें क्या हैं ?	
7.	Explain the solid waste management practices. (C.O-5, P-1-9)	
III.	Objectives Question: Answer All Question	[15×1=15]
1.	Photovoltaic energy is the conversion of sunlight into photoelectric energy. ऊर्जा सूर्य के प्रकाश को विद्युत में परिवर्तित करती है	
	(i)Electricity (ii)Bioenergy (iii)Geothermalenergy (iv)Hydrogen	

2.	Compressed form biological diversity word was given by संक्षिप्त रूप जैविक विविधता शब्द किसके द्वारा दिया गया था (i) W.G. Rosen (ii) R.F. Dashmann (iii) Walter G. Rosen (iv) Both A & C
3.	Deforestation generally decreases वर्षों की कटाई आम तौर पर कम हो जाती है (i) Soil erosion (ii) Rainfall (iii) Draught (iv) Global warming
4.	Ecosystem word was coined by- पारिस्थितिकी तंत्र शब्द किसके द्वारा गढ़ा गया था- (i) A. G. Tansley (ii) R. F. Dashmann (iii) G. J. Mendel (iv) Einstein
5.	Ozone is present in which layer of atmosphere-ओजोन वायुमंडल की किस परत में मौजूद है- (i) Stratosphere समताप मंडल (ii) Troposphere क्षोभमंडल (iii) Mesosphere मध्यमंडल (iv) Thermosphere तापमंडल
6.	In ecosystem which one shows cyclic passage- पारिस्थितिकी तंत्र में कौन सा चक्रीय मार्ग दर्शाता है- (i) Nitrogen (ii) Carbon (iii) Potassium (iv) All of the above
7.	World water day is on- विश्व जल दिवस कब मनाया जाता है- (i) 22 nd March (ii) 23 rd March (iii) 21 st March (iv) 22 nd April
8.	World Environment day is celebrated on- विश्व पर्यावरण दिवस कब मनाया जाता है- (i) 5th September (ii) 5th October (iii) 16th September (iv) 5th June
9.	When trees are cut, amount of carbon di oxide जब पेड़ काटे जाते हैं तो कार्बन डाइऑक्साइड की मात्रा (i) Decreases (ii) Increases (iii) both i and ii (iv) Remains same
10.	Producer are also called उत्पादक भी कहलाते हैं (i) Autotrophic स्वपोषी (ii) Heterotrophic विषमपोषी (iii) Consumer उपभोक्ता (iv) Decomposers अपघटक
11.	Which of the following is not a greenhouse gas?निम्न में से कौन ग्रीनहाउस गैस नहीं है? (i) CO ₂ (ii) CH ₄ (iii) O ₃ (iv) N ₂
12.	Energy flow in an ecosystem is पारिस्थितिकी तंत्र में ऊर्जा का प्रवाह होता है (i) Reversible (ii) Unidirectional (iii) Transferable (iv) Direct
13.	Food web are interconnected of खाद्य जाल आपस में जुड़े होते हैं (i) Producer (ii) Trophic level (iii) Food chain (iv) Trees
14.	Standard of noise for residential areas during day दिन के दौरान आवासीय क्षेत्रों के लिए शोर का मानक (i) 55 (ii) 45 (iii) 65 (iv) 35
15.	Vulture is- गिद्ध है- (i) Producers उत्पादक (ii) Consumers उपभोक्ता (iii) Decomposer अपघटक (iv) Scavenger मैला ढोने वाला

Printing Pages : 2

Paper Code: VOC-3-GD

A

(SVSU:2024-25/S)

Enrollment No.

COURSE NAME: Under Graduate (Open for all)

II YEAR/ III SEM. EXAMINATION

Subject Name: Graphics Designing

Subject Code: VOC-3-GD

[Time: 3:00 Hours]

[Max. Marks: 75]

Section A: Objectives Question: Answer All Questions. [1x15=15]

1. What is placed at the left of the horizontal bar?
 - a) Home
 - b) Indicators
 - c) Ctrl + Tab
 - d) View button.
2. Which of the following can be looked at using the find tab?
 - a) Format
 - b) Characters
 - c) Symbol
 - d) All of the above
3. Which of these toolbars allows you to alter the fonts' sizes?
 - a) Standard
 - b) Formatting
 - c) Option
 - d) All of the above
4. Which of the following function key is used for doing the spelling check?
 - a) F2
 - b) F4
 - c) F7
 - d) F9
5. How many columns can you insert into a Word document at most?
 - a) 45
 - b) 50
 - c) 63
 - d) 65
6. Who is the father of HTML?
 - a) Rasmus Lerdorf
 - b) Tim Berners-Lee
 - c) Brendan Eich
 - d) Sergey Brin
7. What is the correct syntax of doctype in HTML5?
 - a) </doctype html>
 - b) <doctype html>
 - c) <doctype html!>
 - d) <!doctype html>
8. Which of the following is used to read an HTML page and render it?
 - a) Web server
 - b) Web network
 - c) Web browser
 - d) Web matrix
9. Which of the following tag is used for inserting the largest heading in HTML?
 - a) head
 - b) <h1>
 - c) <h6>
 - d) heading

10 In which part of the HTML metadata is contained?

- a) head tag
- b) title tag
- c) html tag
- d) body tag

11. Which type of JavaScript language is ____

- a) Object-Oriented
- b) Object-Based
- c) Assembly-language
- d) high level

12. Language is the basic language web pages are written in.a

- a) HTML
- b) HMTL
- c) Css
- d) Java script

13. The part of a CSS rule which specifies which element(s) are to be styled.

- a) Declaration
- b) Property
- c) Selector
- d) Value .

14. The name of the web site

- a) Index
- b) Resource
- c) Home
- d) Domain

15. Arrangement of words and symbols in a language.

- a) Syntax
- b) Punctuation
- c) Grammar
- d) Spelling

Section B: Long Questions: Attempt any three

[10×3=30]

1. Explain computer animation?
2. Write short note on – Photoshop and Corel draw.
3. Explain how many types of computer?
4. Write down application of computer Graphics.
5. Explain theory of computer graphics.

Section C: Short Questions: Attempt any five

[5×6=30]

1. Define computer.
2. What is HTML?
3. What is the computer language?
4. Define CSS and JavaScript.
5. Define principal of management.
6. Define multimedia with example.
7. Define webpage. How to create web page?

F.M: 80

Duration: 3 Hrs.

SECTION-A

(This section contains four questions. Attempt any two questions)

$$2 \times 15 = 30$$

1. Explain the importance of Abhidhamma in Buddhist Studies.
2. Explain the relation between Citta and Cetasika.
3. What is Dhātu Nirdesa?
4. Write an essay on Lokuttara Citta.

SECTION-B

(This section contains six questions. Attempt any four questions)

$$4 \times 10 = 40$$

5. Write a short note on the text Paṭṭhāna.
6. Briefly discuss Arūpavacara Citta.
7. Give a short note on Rūpa.
8. Discuss detail on transcendental state of mind.
9. What is Magga Phala Citta.
10. Explain the division of Akusala Citta.

SECTION-C

11. Answer All the Questions

$$1 \times 10 = 10$$

- (i) What is the meaning of *āramana paccaya*?
- (ii) Name the fifth text of Abhidhamma.
- (iii) What is the meaning of Anagāmi Citta?
- (iv) What is Kusala Cetasika?
- (v) According to Abhidhamma Piṭaka how many paramatthas are there?
- (vi) How many chapters are there in Vibhaṅga?
- (vii) What is the meaning of *cinteti cittam*?
- (viii) What is subject of the Chapter 1 of Dhammasaṅgaṇī?
- (ix) 'Nibbana means death' - is it true?
- (x) What is Jhāna?

13	Sukh is ensured by appropriate	Physio-chemical things	Right understandings and right feelings	Right feelings	Right understandings
14	The process of education and right living leads to _____ in the individual	Labour	Right Understanding	Co-existence	Existence
15	Body is a _____ unit while the self is a _____ unit.	Material, Consciousness	Consciousness, Material	Material, Material	Consciousness, Consciousness

Section B: Long Questions: Answer Any Three

[10×3=30]

1. Three things are needed in order to fulfill basic human aspirations—right understanding, right relationships and physical facilities. Explain meaning of each one of these.
2. Critically examine the issues in professional ethics in the current scenario. List any five unethical practices in profession today and the methods being tried to curb them.
3. Distinguish between 'human consciousnesses and 'animal consciousnesses. How "Shiksha and Sanskar" are helpful in raising man to "human consciousness" level.
4. Right understanding in the individuals is the basis for harmony in the family, which is the building block for harmony in the society. Give your comments.

Section C: Short Questions: Answer Any Five

[5×5=25]

1. Explain the harmony in nature.
2. Mention any four values in human relationships and define them.
3. Explain the role of Right Understanding in life and profession of a human being.
4. "I am the seer, doer and enjoyer. The body is my instrument" – Explain.
5. In what way can we say that the human body is a self organized unit?
6. Difference between respect and differentiation.
7. What do you mean by co-existence?
