



**DRR-2976**

**First Year B. Sc. (Environment Science)  
(Sem. II) (CBCS) Examination**

**March / April - 2016**

**ENV-201 : Environmental Science**

Time : Hours]

[Total Marks : 50

Instruction :

(1)

नीचे दर्शायेव निशानीवाणी विगतो उत्तरवडी पर अवश्य बपवी. Fillup strictly the details of signs on your answer book.		Seat No. :	
Name of the Examination :		<input type="text"/>	
First Year B. Sc. (Environment Science) (Sem. II) (CBCS)		<input type="text"/>	
Name of the Subject :		<input type="text"/>	
ENV-201 : Environmental Science		<input type="text"/>	
Subject Code No. : <input type="text"/> 2 <input type="text"/> 9 <input type="text"/> 7 <input type="text"/> 6		Section No. (1, 2,.....) : <input type="text"/> Nil	
		Student's Signature	

- (2) Figures to the right indicate full marks of the question.  
(3) Draw neat and labeled diagrams whenever necessary.

1 Answer the following : 12

- (1) Morphological adaptations in hydrophytes
- (2) Monohybrid & Di-hybrid cross
- (3) Natural & artificial classification
- (4) Types of vascular bundles in plants
- (5) Gene and allele
- (6) Define taxonomy.

2 Explain or justify the following: (Any two) 12

- (1) Succulent thick walled leaves and heavily cutinized epidermis are necessary for survival in Xerophytes.
- (2) How can we make out differences in dicot and monocots plants by visualizing anatomy of their stem and leaf?  
Comment.

- (3) A plant contains two alleles for colour viz. red color (R) and an allele for white color (r). In the F1 generation all the flowers produced were red. Explain this phenomenon as per Mendal's laws.

**3** Answer the following : (Any Two) **16**

- (1) Explain the economic importance of edible oil seed.
- (2) Describe in detail, what is meant by taxonomic hierarchy?
- (3) Describe the Lamarckism theory.

**4** Write short notes : (any two) **10**

- (1) Grass land forest in India.
- (2) Economic important of Mushroom.
- (3) Theory proposed by Hugo de-Vries.

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