



বিদ্যাসাগর বিশ্ববিদ্যালয়
VIDYASAGAR UNIVERSITY
Question Paper

B.Sc. Honours Examinations 2021

(Under CBCS Pattern)

Semester - III

Subject : GEOGRAPHY

Paper : SEC 1-T

Full Marks : 40

Time : 2 Hours

*Candidates are required to give their answers in their own words as far as practicable.
The figures in the margin indicate full marks.*

Coastal Management

(Theory)

Group - A

A. Answer any **three** of the following questions :

12×3=36

1. What is Coastal zone? Briefly discuss the influence of Coastal plain on Human civilization.
2. Write the role of ICZM. Critically discuss the classification of CRZ as per 2018 Regulation by MoEF & CC with suitable examples from Indian coast.

3. What is coastal erosion? Discuss the causes and effects of coastal erosion. Write a short note about Mitigation method (hard & soft) of coastal erosion. 2+4+6
4. Define coastal vulnerability? Mention the causes of coastal Vulnerability. How the people of coastal region are coping against coastal hazard? 2+4+6
5. What is mining? Discuss the favorable condition and impact of salt manufacturing units along the Coastal region of India. 2+10
6. Discuss the major environmental impacts of coastal tourism with special reference to Purba Medinipur coastal belt. In this context mention basic features of integrated Sustainable Tourism development. 8+4

Group - B

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

1. What is Ripple Wave?
 2. What do you mean by Saltpan?
 3. What do you mean by Beach Nourishment?
 4. Define Eco-Tourism.
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Or,
Paper - SEC 1 (T)
(Computer Basics & Computer Application)

(Theory : Marks - 40)

A. Answer any *three* of the following questions :

12×3=36

1. (a) What are the universal gates?
(b) Represent the following expressions with logic gates :
 - (i) $(A + B)(B' + C)$
 - (ii) $A' + B' + C'$
 - (iii) $AB + A'C$ 3+9
2. (a) Define the relation between bit, byte, kilobyte, megabyte, gigabyte and terabyte.
(b) Write the expression of XOR & XNOR gate with truth table. 6+6
3. (a) What is number system?
(b) Convert the following numbers to desire number systems :
 - (i) $(74)_8 = (?)_2$
 - (ii) $(1011011)_2 = (?)_8$
 - (iii) $(ABC6A)_{16} = (?)_2$
 - (iv) $(567)_8 = (?)_{16}$ 2+10
4. (a) Write the 2's complement for each of the following 5-bit binary numbers.
 - (i) 01001_2
 - (ii) 01011_2
 - (iii) 00111_2
 - (iv) 00001_2
(b) What is De Morgan's Law Boolean algebra? 10+2
5. What are the different data formats in MS Excel? Write only four common MS Excel formulas. What are the various types of charts? 4+4+4

6. (a) What is Histogram? What is Histogram equalization?

(b) Differentiate between Bar chart and Histogram with example. (3+3)+6

Group - B

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

1. What is digitization?

2. What is Unicode?

3. What is logic gate?

4. What is Spreadsheet?

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