



বিদ্যাসাগর বিশ্ববিদ্যালয়
VIDYASAGAR UNIVERSITY

Question Paper

B.Sc. Honours Examinations 2020

(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

Answer any two question (optional) from the following : 2×20

1. Explain how far the Coastal Zone Management has been successful in solving coastal problems in India.
2. Give an account of the different structural and non-structural measures that are beneficial to mitigate coastal hazards.
3. Describe the morphodynamic variables of open coast with illustrations.
4. Discuss with examples the impacts of human on coastal dunes.

Computer Basics and Computer Applications

Answer any two questions from the following :

2×20

1. Define number system. Name the types of number systems.

Find the addition of $101101_2 + 110011_2$.

Find the subtraction of $110011_2 - 100111_2$.

Convert the following

$(96)_{10} \rightarrow (?)_2$

$(25)_8 \rightarrow (?)_{10}$

$(111011)_2 \rightarrow (?)_{10}$

$(47)_8 \rightarrow (?)_2$

$4+3+3+10=20$

2. Explain the following logic gates with truth table (any four)

a) AND

b) OR

c) NOT

d) NAND

e) NOR

f) EX-OR

4×5=20

3. a) Write the steps to create spreadsheet. How to save a spreadsheet? How many sheets are available by default in Ms. Excel?

b) Write down the formula to find mean, median, mode and standard deviation. How to create chart in Ms.Excel.

$((4+4+2) + (6+4))=20$

4. Write a short note about scatter diagram and histogram. What is Internet? What are the applications of Internet? What is Cloud Computing? Write down its two features.

$((5+5)+(2+4+2+2))=20$
