WEST BENGAL STATE UNIVERSITY

B.A./B.Sc. Honours 6th Semester Examination, 2022

GEOADSE04T-Geography (DSE3/4)

Time Allotted: 2 Hours   Full Marks: 50

The figures in the margin indicate full marks.
Candidates are required to give their answers in their own words as far as practicable.
All symbols are of usual significance.

CATEGORY-A

Answer any *two* questions from the following within 600 words each   10×2 = 20

1.	Explain the factors that affect the surface run off. Draw diagram to illustrate your answer.	8+2
2.	What is drainage basin? Describe the factors that influence the recharge of ground water.	2+8
3.	What are the factors influencing the distribution of temperature and salinity of ocean water?	5+5

CATEGORY-B

Answer any *four* questions from the following within 150 words each   5×4 = 20

4.	State the importance of hydrological cycle.
5.	Explain the hydrological features of a drainage basin.
6.	State the principles of watershed management.
7.	State the vertical distribution of ground water.
8.	Discuss the characteristic features of continental shelf.
9.	Give an account of chemical properties of ocean water.
10.	Write in brief about the characteristics of vertical distribution of ocean water salinity.

CATEGORY-C

Answer any *five* questions from the following within 50 words each

11. What is sublimation?

12. What is watershed management?

13. What is mid-oceanic ridge?

14. What is intermittent spring?

15. Define hydraulic conductivity.

16. What is hydrograph?

17. What is connate water?

18. Mention the major physical properties of ocean water.

19. What is photic zone?

N.B. : *Students have to complete submission of their Answer Scripts through E-mail / Whatsapp to their own respective colleges on the same day / date of examination within* 1 *hour after end of exam. University / College authorities will not be held responsible for wrong submission (at in proper address). Students are strongly advised not to submit multiple copies of the same answer script.*

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