

As per Prescribed rules and regulation for each degree / programme. Separate passing marks required in examinations. The minimum 14 out of 40 marks required in University examination and internal (Group Activity) 04 out of 10 marks.

15. NATURE OF QUESTION PAPER

Question Paper will be set in the view of the /in accordance with the entire Syllabus and preferably covering each unit of syllabi.

Continuous Evaluation Methods (40 Marks):

Q. 1: Multiple Choose Question (05)

Q. 2: Write short notes (any three) (15)

Q. 3: Write detail answers (10)

A or B

Q. 4: Write detail answers (10)

A or B

Internal Evaluation 10 Mark

B.A.-II Semester-IV – Case Study/ Oral examination

16. EQUIVALENCE IN ACCORDANCE WITH TITLES AND CONTENTS OF PAPERS - (FOR REVISED SYLLABUS)

Sr. No.	Title of Old paper	Old Paper No.	Title of New Paper	New Paper No.
1.	Oceanography	V	Oceanography	V

17. SPECIAL INSTRUCTIONS, IF ANY:

1. Field visit is necessary for performing case study of coastal area.
2. The practical of Isohalines and Isotherms in module 5 is must be carried out with NOAA data.

NEW/REVISED SYLLABUS FOR

B. A. Part-II / B. A. B. Ed.

(Introduced from June, 2023 onwards)

DSC – D 47 (Course / Paper No. IV)

Geography (Oceanography)

Semester –IV

Module	Teaching Hours	Credit
Module I : Introduction to Oceanography	12	0.75
1.1 Definition, Nature and Scope of Oceanography		
1.2 Oceanography and Physical Sciences		
1.3 Branches of Oceanography		
1.4 Significance of Oceanography		
Module II: Properties and Dynamics of Ocean	15	01
2.1 Oceanic Temperature: Factors affecting on ocean temperature and Distribution of oceanic temperature		
2.2 Salinity of Ocean: Factors affecting on Oceanic salinity and Horizontal distribution of oceanic salinity		
2.3 Oceanic Currents: Types of Oceanic currents, Responsible factors for Origin of ocean currents and Ocean currents of the Pacific, Atlantic and Indian Ocean		
Module III: Applied Oceanography	13	01
3.1 Ocean or Marine deposits: Sources and Classification		
3.2 Ocean Resources – Biotic- Mineral and Energy Resources		
3.3 Ocean as sources of food and as storehouse of resources for the future		
Module IV: Man and Oceans	12	01
4.1 Manipulation of costal process		
4.2 Ocean Pollution – Causes, Effects and Measures		
4.3 Overfishing and fishery management		
Module V: Practical's (Theory Only)	08	0.25

5.1 Hypsographic Curve

5.2 Wind rose

5.3 Isohalines

5.4 Isotherms

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3. Garrison, T.(1998) Oceanography. Wadsworth.com. USA .
4. King, C.A.M.(1972) Beaches and Coasts, E. Arnold, London.
5. King, C.A.M(1975) Oceanography for Geographers E. Arnold, London .
6. Sharma, R.C. Vatel M. (1986) Oceanography for Geographers, Chetnya Publishing House, Allahabad.
7. Shepard, F.P.(1948) Submarine Geology, Harper & Sons, New York.
8. Thurman, H.B.(1984) Introductory Oceanography, Charles Webber E. Merrill Publishing Co.
9. Weisberg, J. and Howard(1976) Introductory Oceanography, McGraw-Hill Book Co., New York.
10. Davis, Richard J.A.(1986) "Oceanography - An Introduction to the Marine Environment". Wm. C. Brown Iowa.
11. Duxbury, C.A and Duxbury B.(1996) An Introduction to the world's Oceans - C.Brown. Iowa, 2nd ed.
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13. Gross, M.Gran (1987) Oceanography: A View of the Earth , Prantice - Hall Inc. New Jersey.
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