



GOA BOARD OF SECONDARY AND HIGHER SECONDARY EDUCATION
ALTO BETIM – GOA 403 521

DESIGN OF THE QUESTION PAPER

[SECOND TERM EXAMINATION]

Class: XII SCIENCE

Time: 2½ Hrs

Subject: GEOLOGY

Max. Marks: 50

The weightage or the distribution of marks over different dimensions of the question paper shall be as follows:

1. Weightage to Learning Outcomes

S.No.	Learning Outcomes	Marks	Percentage of Marks
1.	Knowledge	16	32
2.	Understanding	19	38
3.	Application	10	20
4.	Skill	05	10
	TOTAL	50	100

2. Weightage to Content / Subject Units

S.No.	Units	Marks
1.	STRUCTURAL GEOLOGY	10
2.	PETROLOGY	
3.	DYNAMICAL GEOLOGY	20
4.	STRATIGRAPHY & PALAEONTOLOGY	20
	TOTAL	50

3. Weightage to Forms of Questions

S.No.	Form of Questions	Marks for each question	Number of questions	Total Marks
1.	Long Answer Type (LA)	04	02	08
2.	Short Answer Type (SA-I)	02	11	22
3.	Short Answer Type (SA-II)	03	05	15
4.	Very Short Answer Type(VSA)	01	05	05
	Total		23	50

The expected time for different types of question would be as follows:

S.No.	Form of Questions	Approx. time for each Question in mins (t)	Number of questions (n)	Approx. time for each form of Questions in mins (n x t)
1.	Long Answer Type (LA) (04)	12	02	12 x 2 = 24
2.	Short Answer Type (SA-I) (02)	06	11	06 x 11 = 66
3.	Short Answer Type (SA-II) (03)	10	05	10 x 05 = 50
4.	Very Short Answer type (VSA) (01)	02	05	02 x 05 = 10
	Total		23	150Minutes

As the total time is calculated on the basis of the number of questions required to be answered and the length of their anticipated answers, it would, therefore, be advisable for the candidates to budget their time properly by cutting out the superfluous words and be within the expected time limits.

4. Scheme of Options

(There will be no overall choice. However, there is an internal choice in 02 sub questions of 03 marks category and 01 sub-question of 02 marks category 01 sub-question of 04 marks category.)

5. Weightage to Difficulty level of questions:

S.No.	Estimated difficulty level of questions	Percentage
1.	Easy	20
2.	Average	60
3.	Difficulty	20

A question may vary in difficulty level from individual to individual. As such, the assessment in respect of each question will be made by the paper setter on the basis of general anticipation from the group as a whole taking the examination. This provision is only to make the paper balanced in its weightage, rather than to determine the pattern of marking at any stage.

6. Number of Main Questions :

There will be 05 main questions of 10 marks each.

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