

DESIGN OF QUESTION PAPER
FIRST MID TERM

CLASS: - XI

SUBJECT: - Biology

TIME: - 01 Hour

MAX. MARKS:- 20

The weightage or the distribution of marks over different dimension of the question paper shall be as follows.

1. Weightage to learning outcomes:

Sr. No.	Learning outcomes	Marks	Percentage of marks
1.	Knowledge	05	25%
2.	Understanding	08	40.%
3.	Application	05	25%
4.	Skill	02	10%
Total		20	100%

2. Weightage to content/ subject units:

Sr. No.	Units	Marks
1.	The living world	02
2.	Biological classification	03
3.	Plant kingdom	05
4.	Animal kingdom	05
5.	Morphology of flowering plants	05
6.		
7.		
8.		
9.		
10.		
Total		20

3. Weightage to forms of questions:

Sr. No.	Form of Questions	Marks for each question	Number of questions	Total Marks
1.	Long Answer Type(LA-I)	-		
2.	Long Answer Type(LA-II)	-		
3.	Short Answer Type(SA-I)	03	02	06
4.	Short Answer Type(SA-II)	02	05	10
5.	Very Short Answer Type(VSA)	01	04	04
Total				20

.2.

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

Sr.No.	Form of Questions	Approx. time for each question in mins.(t)	Number of questions (n)	Approx. time for each form of question in mins. (n×t)
1.	Long Answer Type(LA-I)			
2.	Long Answer Type(LA-II)			
3.	Short Answer Type(SA-I)	7-8	02	14-16
4.	Short Answer Type(SA-II)	5-6	05	25-30
5.	Very Short Answer Type(VSA)	2-3	04	08-12
Total				

As the total time is calculated on the basis of 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 Option:

There will be no overall choice. However, there may be internal choice in 01 subquestion of 02 marks and 01 subquestion of 03 category

5. Weightage to difficulty level of questions:

Sr. No.	Estimated difficulty level of question	Marks	Percentage
1.	Easy	05	20%
2.	Average	10	60%
3.	Difficult	05	20%
Total		20	100%

A question may vary in difficulty level from individual to individual. As such, the assessment in respect of each question will be made by 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 weightage, rather than to determine the pattern of marking at any stage.

6. Number of main questions:

There will be 02 main questions of 10 marks each.

DESIGN OF QUESTION PAPER

FIRST TERM

CLASS: - XI

SUBJECT: - Biology

TIME: - 2 ½ Hours

MAX. MARKS:- 55

The weightage or the distribution of marks over different dimension of the question paper shall be as follows.

1. Weightage to learning outcomes:

Sr. No.	Learning outcomes	Marks	Percentage of marks
1.	Knowledge	14	25%
2.	Understanding	21	40.0%
3.	Application	14	25%
4.	Skill	06	10%
Total		55	100%

2. Weightage to content/ subject units: (60% of total portion)

Sr. No.	Units	Marks
1.	The living world	02
2.	Biological classification	02
3.	Plant kingdom	02
4.	Animal kingdom	02
5.	Morphology of flowering plants	03
6.	Anatomy of Flowering Plants	06
7.	Structural Organisation in Animals	06
8.	Cell: The Unit of life	05
9.	Biomolecules	06
10.	Cell Cycle and Cell Division	05
11.	Transport in Plants	06
12.	Mineral Nutrition	05
13.	Plant Growth and Development	05
Total		55

3. Weightage to forms of questions:

Sr. 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)	03	05	15
3.	Short Answer Type(SA-II)	02	11	22
4.	Very Short Answer Type(VSA)	01	10	10
Total			28	55

.2.

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

Sr.No.	Form of Questions	Approx. time for each question in mins.(t)	Number of questions (n)	Approx. time for each form of question in mins. (n×t)
1.	Long Answer Type(LA)	12	02	24
2.	Short Answer Type(SA-I)	08	05	40
3.	Short Answer Type(SA-II)	06	11	66
4.	Very Short Answer Type(VSA)	02	10	20
Total			28	150 mins

As the total time is calculated on the basis of 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 Option:

There will be no overall choice. However, there may be internal choice in 01 subquestion of 03 marks category and 02 questions of 02 marks category

5. Weightage to difficulty level of questions:

Sr. No.	Estimated difficulty level of question	Marks	Percentage
1.	Easy	11	20%
2.	Average	33	60%
3.	Difficult	11	20%
Total		55	100%

A question may vary in difficulty level from individual to individual. As such, the assessment in respect of each question will be made by 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 weightage, rather than to determine the pattern of marking at any stage.

6. Number of main questions:

There will be 05 main question of 11 marks each.

DESIGN OF QUESTION PAPER
SECOND TERM

CLASS: - XI

SUBJECT: - Biology

TIME: - 2 ½ Hours

MAX. MARKS:- 55

The weightage or the distribution of marks over different dimension of the question paper shall be as follows.

1. Weightage to learning outcomes:

Sr. No.	Learning outcomes	Marks	Percentage of marks
1.	Knowledge	14	25%
2.	Understanding	21	40.0%
3.	Application	14	25%
4.	Skill	06	10%
Total		55	100%

2. Weightage to content/ subject units: (60% of total portion)

Sr. No.	Units	Marks
1.	Morphology of flowering plants	04
2.	Structural Organisation in Animals	04
3.	Cell Cycle and Cell Division	03
4.	Photosynthesis in Higher Plants	05
5.	Respiration in Plants	05
6.	Digestion and Absorption	05
7.	Breathings and Exchange of Gases	05
8.	Body Fluids and Circulation	05
9.	Excretory Product and Elimination	05
10.	Locomotion and Movement	05
11.	Neural Control and Coordination	05
12.	Chemical Coordination and Intergration	04
13.		
Total		55

3. Weightage to forms of questions:

Sr. 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)	03	05	15
3.	Short Answer Type(SA-II)	02	11	22
4.	Very Short Answer Type(VSA)	01	10	10
Total			28	55

.2.

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

Sr.No.	Form of Questions	Approx. time for each question in mins.(t)	Number of questions (n)	Approx. time for each form of question in mins. (n×t)
1.	Long Answer Type(LA)	12	02	24
2.	Short Answer Type(SA-I)	08	05	40
3.	Short Answer Type(SA-II)	06	11	66
4.	Very Short Answer Type(VSA)	02	10	20
Total			28	150 mins

As the total time is calculated on the basis of 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 Option:

There will be no overall choice. However, there may be internal choice in 01 subquestion of 04 marks category and 01 questions of 03marks category and 02 subquestions of 02 marks category

5. Weightage to difficulty level of questions:

Sr. No.	Estimated difficulty level of question	Marks	Percentage
1.	Easy	11	20%
2.	Average	33	60%
3.	Difficult	11	20%
Total		55	100%

A question may vary in difficulty level from individual to individual. As such, the assessment in respect of each question will be made by 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 weightage, rather than to determine the pattern of marking at any stage.

6. Number of main questions:

There will be 05 main question of 11 marks each.