

## DESIGN OF QUESTION PAPER

### First Formative

**CLASS: - XII**

**TIME: - 01 hour (60 mins)**

**SUBJECT: - Logic**

**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	05	25
3.	Application	10	50
Total		20	100

2. Weightage to content/ subject units:

Sr. No.	Units	Marks
1.	Decision Procedure	10
2.	Inductive Generalization	10
3.		
4.		
5.		
6.		
7.		
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)	04	02	08
2.	Short Answer Type(SA-I)	02	02	04
3.	Short Answer Type(SA-II)	03	02	06
4.	Very Short Answer Type(VSA)	01	02	02
Total			08	20

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. (nxt)
1.	Long Answer Type(LA)	12	01	12
2.	Short Answer Type(SA-I)	10	02	20
3.	Short Answer Type(SA-II)	08	03	24
4.	Very Short Answer Type(VSA)	02	02	04
Total			08	60

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 sub questions of 3 marks category.

5. Weightage to difficulty level of questions:

Sr. No.	Estimated difficulty level of question	Marks	Percentage
1.	Easy	05	25
2.	Average	10	50
3.	Difficult	05	25
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 8 main questions; 2 questions of 1 mark each & 2 questions of 2 mark each & 2 questions of 3marks each & 2 questions of 4 marks each.

## DESIGN OF QUESTION PAPER

### Second Formative

**CLASS: - XII**

**SUBJECT: - Logic**

**TIME: - 01 hour (60 mins)**

**MAX. MARKS:- 20**

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

7. Weightage to learning outcomes:

Sr. No.	Learning outcomes	Marks	Percentage of marks
1.	Knowledge	05	25
2.	Understanding	05	25
3.	Application	10	50
Total		20	100

8. Weightage to content/ subject units:

Sr. No.	Units	Marks
1.	Predicate Logic	16
2.	Quantificational Deduction	04
3.		
4.		
5.		
6.		
7.		
Total		20

9. 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)	02	02	04
3.	Short Answer Type(SA-II)	03	02	06
4.	Very Short Answer Type(VSA)	01	02	02
Total			08	20

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. (nxt)
1.	Long Answer Type(LA)	12	01	12
2.	Short Answer Type(SA-I)	10	02	20
3.	Short Answer Type(SA-II)	08	03	24
4.	Very Short Answer Type(VSA)	02	02	04
Total			08	60

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.

10. Scheme of Option:

There will be no overall choice. However, there may be internal choice in sub questions of 3 marks category.

11. Weightage to difficulty level of questions:

Sr. No.	Estimated difficulty level of question	Marks	Percentage
1.	Easy	05	25
2.	Average	10	50
3.	Difficult	05	25
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.

12. Number of main questions:

There will be 8 main questions; 2 questions of 1 mark each & 2 questions of 2 mark each & 2 questions of 3marks each & 2 questions of 4 marks each.

**DESIGN OF QUESTION PAPER**  
**FINAL EXAM**

**CLASS: - XII**

**SUBJECT: - Logic**

**TIME: - 2 1/2 hour (180 mins)**

**MAX. MARKS:-80**

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

13. Weightage to learning outcomes:

Sr. No.	Learning outcomes	Marks	Percentage of marks
1.	Knowledge	20	25
2.	Understanding	20	25
3.	Application	40	50
Total		80	100

14. Weightage to content/ subject units:

Sr. No.	Units	Marks
1.	Decision Procedure	14
2.	Deductive Proof	16
3.	Predicate Logic	16
4.	Quantificational Deduction	04
5.	Inductive Generalization	10
6.	Grounds of Induction	10
7.	Hypothesis	10
Total		80

15. 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	08	32
2.	Short Answer Type(SA-I)	02	08	16
3.	Short Answer Type(SA-II)	03	08	24
4.	Very Short Answer Type(VSA)	01	08	08
Total			08	80

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. (nxt)
1.	Long Answer Type(LA)	10	08	80
2.	Short Answer Type(SA-I)	08	08	64
3.	Short Answer Type(SA-II)	03	08	24
4.	Very Short Answer Type(VSA)	01.5	08	12
Total			32	180

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.

16. Scheme of Option:

There will be no overall choice. However, there may be internal choice in sub questions of 3 marks category.

17. Weightage to difficulty level of questions:

Sr. No.	Estimated difficulty level of question	Marks	Percentage
1.	Easy	05	25
2.	Average	10	50
3.	Difficult	05	25
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.

18. Number of main questions:

There will be 32 main questions; 8 questions of 1 mark each & 8 questions of 2 mark each & 8 questions of 3marks each & 8 questions of 4 marks each.