1.Weightage by Objectives

| S. No. | Objectives | Marks | \%of Total Mark |
| :--- | :--- | :---: | :---: |
| 1. | Knowledge | 30 | $30 \%$ |
| 2. | Understanding | 40 | $40 \%$ |
| 3. | Application | 22 | $22 \%$ |
| 4. | Skill | 8 | $8 \%$ |

2. Weightage by type of Questions

| $\begin{aligned} & \hline \text { Sl. } \\ & \text { No. } \end{aligned}$ | Type of question | No. of questions | $\begin{aligned} & \text { Marks } \\ & \text { per } \\ & \text { question } \end{aligned}$ | Marks |
| :---: | :---: | :---: | :---: | :---: |
| 1. | MCQ (1 mark) \# | 20 | 1 | 20 |
| 2. | Objective Type Questions (1*2 = 2 marks) \#\# <br> (with 2 sub-parts of 1 mark each) | 4 | 2 | 8 |
| 3. | Objective Type Questions $(1 * 4=4$ marks) \#\#\# (with 4 sub-parts of 1 mark each) | 4 | 4 | 16 |
| 4. | Objective Type Questions ( $1 * 6=6$ marks) \#\#\#\# <br> (with 6 sub-parts of 1 mark each) | 1 | 6 | 6 |
|  | Total | 29 |  | 50 |
| 5. | Very Short Answer (2 marks questions) | 9 | 2 | 18 |
| 6. | Short Answer(SA) (4 marks questions) | 5 | 4 | 20 |
| 7. | Long Answer(LA) (6 marks questions) | 2 | 6 | 12 |
|  | Total | 16 |  | 50 |
|  | G. Total | 45 |  | 100 |

\# In Objective Type Questions of 1 mark: 10 Questions will have internal choices. \# \# In Objective Type Questions of 2 marks: 2 Questions will have 4 sub-parts out of which the learner has to do any 2 sub-parts.
\# \# In Objective Type Questions of 4 marks: All Questions will have 6 sub-parts out of which the learner has to do any 4 sub-parts.
\#\#\#\# In Objective Type Questions of 6 marks: This question will contain 9 Sub-parts out of which the learner has to do any 6 sub-parts.
( - In subjective questions: 4 Questions of 2 marks (VSA), 2 Questions of 3 marks (SA), 2 Questions of 6 marks (LA) will have internal choices.
3. Weightage to difficulty level of question

| Estimated Level | Marks | Percentage of marks |
| :---: | :---: | :---: |
| Difficulty | 20 | 20 |
| Average | 50 | 50 |
| Easy | 30 | 30 |
| Total | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ |

## 4. Weightage by Content

| SI. | Module |  | Marks |
| :---: | :---: | :---: | :---: |
| 1. | Co-ordinate Geometry |  | 15 |
| 2. | Algebra-II |  | 17 |
| 3. | Relations and Functions |  | 12 |
| 4. | Calculus |  | 30 |
| 5. | Vectors and Three Dimensional Geometry |  | 17 |
| 6. | Linear Programming and Reasoning | Mathematical | 9 |
|  | Total |  | 100 |

