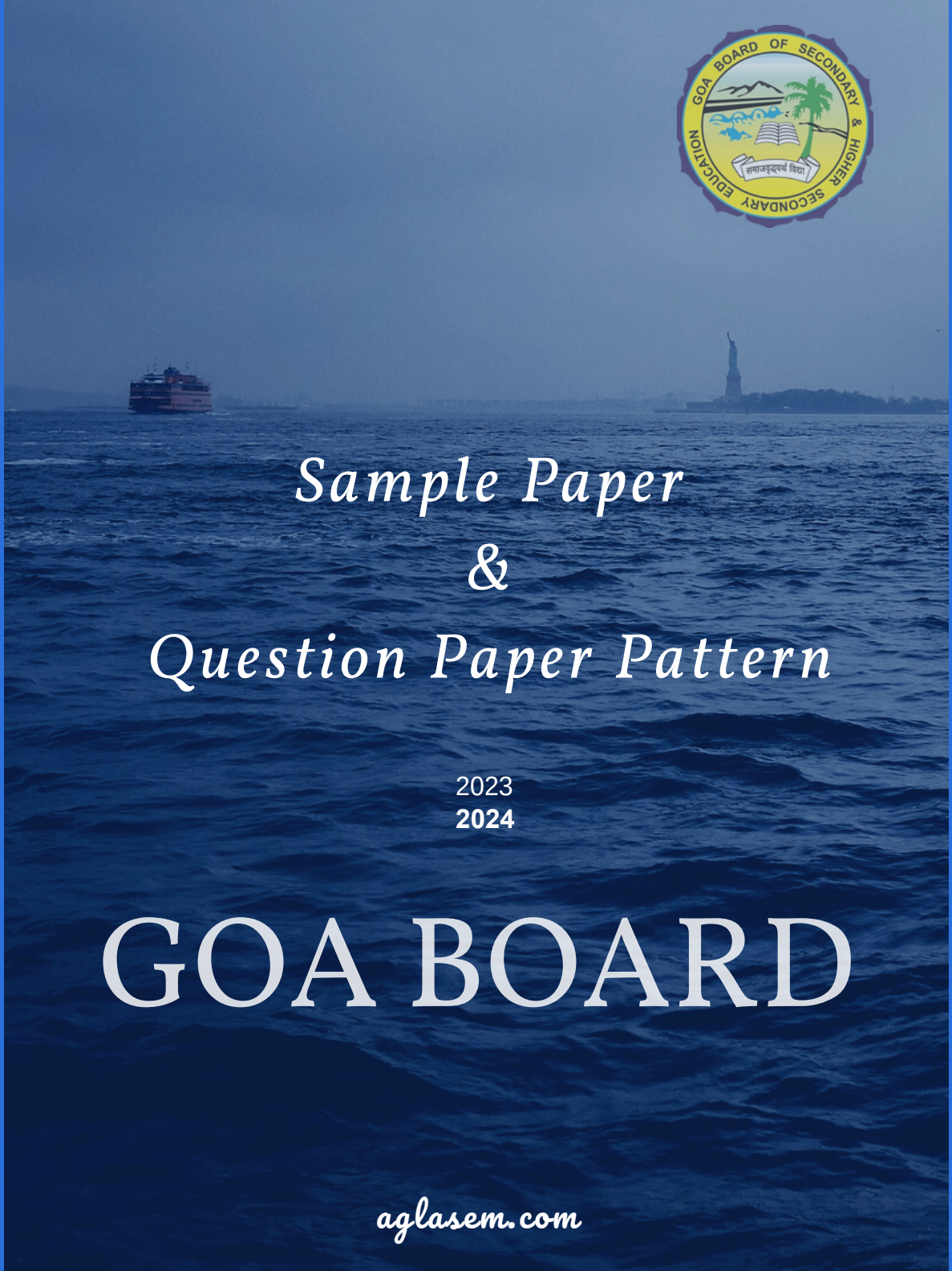


Sample Paper
&
Question Paper Pattern

2023
2024

GOA BOARD

aglasem.com

BASIC FLORICULTURE MARKING SCHEME 2023-2024

Chapter	Name	Mark allotment
1.	History of Floriculture	2
2.	Different media for growing plants	3
3.	Classification of Ornamental Plants II	4
4.	Common Plants of Goa II	4
5.	Growing Lawns	2
6.	Garden Display	5
7.	House Plants	4
8.	Plant Disorders, Diseases, Fertilizers	3
9.	Plant Pests and Pest Control, IPM	4
10.	Propagation of Plants II	5
11.	Shade House	2
12.	Commercial Flowers	2
	TOTAL	40

BASIC FLORICULTURE CWSN SSC EXAMINATION MARKING PATTERN

Theory	Practicals	Internal Assessment	Total
40	40	20	100

schools.aglasem.com
aglasem.com

INTERNAL ASSESSMENT: Max marks 20

Formative I (20)	Formative II Theory (10)	Total I.A. Theory Max Marks (30)	Entitled I.A. Theory Max Marks (10)	Formative II Practical (10)	Project/ Assignment (20)	Total I.A. Practical Max Marks (30)	Entitled I.A. Practical Max Marks (10)

FORMATIVE I- Max Marks:20

Chapter	Units	Marks
1.	History of Floriculture	4
2.	Different Media for Growing Plants	2
3.	Classification of Plants II	7
4.	Common Ornamental Plants of Goa II	7

FORMATIVE II Max Marks: 20 (Entitled marks 10) plus Practicals 10

Chapter	Units	Marks
5.	Lawns	2
6.	Garden display	7
7.	House plants II	5
8.	Plant Disorders, Fertilizers, Plant Diseases	6

FINAL EXAMINATION: Maximum marks: 40

All chapters included. Mark distribution given in contents

schools.aglasem.com

aglasem.com

Model Question Paper

Sub:-Basic Floriculture **Std:-X**

Marks:-40 **Time:- 2 hours**

Instructions:-

1. All questions are compulsory

2. The answers are to be entered in the space provided on the question paper

3. Figures to the right indicate full marks

Fill in the blanks with the most suitable word from the brackets:1

1.Plants with thick fleshy leaves as they store water in their leaves are called _____(Bonsai, Succulents, Foliage plants)

2.The first Botanical Gardens that the British established was in _____ (Calcutta, Bangalore, Mumbai)

Answer the following in one word or in one sentence:

3.State one difference between Mughal style gardens and British style gardens. 1

_____

_____

4.Why do we add compost to cocopeat when it is used as a plant medium? 1

_____

_____

schools.aglasem.com

aglasem.com

5. What is the medium shown in the picture? **(½)**



_____

6.Name a plant that can be grown using this medium **(½)**

_____

7. What materials would you need to make this at home? **(1)**

_____

8.Name the plant**(½)**



_____

9. Tick the correct one.**(½)**
The plant is a:

biennial
flowering plant
foliage plant

_____

10.Name any one flowering creeper we could grow on an archway. **(½)**

_____

11. Name any one annual flowering plants you could grow in the summer **(½)**

_____

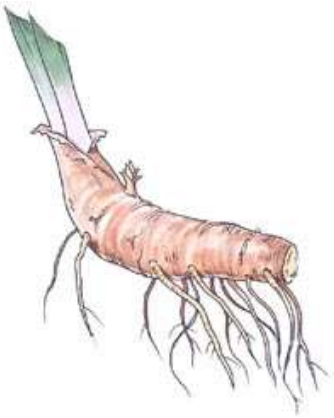
12.Which of the following is a winter annual? **(½)**

_____

schools.aglasem.com
aglasem.com

Balsam
Snapdragon
Zinnia

Look at the picture and answer the questions.



13. What are these plant structures called? **(½)**

_____

14.Name a foliage plant that develops from these structures **(½)**

_____

15.Name this plant **(½)**

_____



16. Does it grow in sun or shade? **(½)**

_____

17. What are the water requirements of this plant? **(½)**

very little water
normal water
plenty of water

18. How will you multiply this plant? **(½)**

leaf cutting
stem cutting
division

Give reasons for the following:

Ixoras are very popular in Goa.

19. Which are the two main varieties of Ixora seen in Goa? **(1)**

schools.aglasem.com
aglasem.com

20. Where will you grow Ixoras, in the full sun or partial shade? **(½)**

_____

21.In which colours do you see Ixora (any two) **(1)**

_____

All of us love to have a garden in our homes

22.Name any two elements of a garden **(1)**

_____

23. State any one function of a hedge? **(1)**

_____

24. What materials are used to make edgings? (any two) **(1)**

_____

Look at the picture and answer the questions

25.What is this method of plant propagation called?**(½)**



_____

26. Name a plant that can be propagated by this method**(½)**

_____

27. State in 3 steps how you will propagate the plant by this method. **(3)**

_____

_____

_____

schools.aglasem.com

aglasem.com

The picture shows a dahlia plant



28. Is Dahlia a perennial, annual or biennial plant?**(½)**

_____

29. How is dahlia propagated? **(½)**

cutting
division of tuber
leaf

Match the plant given in Column A with a suitable garden element in Column B: **(2)**

A	**B**
30. Hibiscus	(a) Flower bed _____
31. Duranta	(b) Pond _____
32. Petunia	(c) Bushy plant _____
33. Periwinkle	(d) Hanging pot _____
	(e) Hedge

Answer the following in one word or in one sentence:

Lawns are an important element of a garden

34. Name a grass that is commonly used to grow a lawn**(½)**

_____

35.A lawn should generally not be planted under a tree.Give a reason **(1)**

_____

36. What can we apply to the grass to keep it green? **(½)**

_____

schools.aglasem.com
aglasem.com

Shade houses are very popular to grow both plants and vegetables

37. State one advantage of a shade house**(1)**

_____

38. Which blocks more sun 40% or 70% shade net? **(½)**

_____

39. Name a **flowering** plant that grows well in a shade house in Goa **(½)**

_____

40. Which foliage plant would you like to grow in a shady veranda? (any one) **(½)**

_____

41.. State one important factor that you must take care of for your house plant.(1)

_____

42. Give one important quality that is needed for a house plant**(1)**

_____

House plants are very popular these days

43.Why are house plants important? (one point) **(1)**

_____

44. Plastic planters are very popular. Name another material that comes in different colours that is used mainly for indoor planters **(½)**

_____

schools.aglasem.com

aglasem.com

Pests are very damaging for the plants



45. Name these pests **(½)**

_____

46. How can we treat this pest infestation?(1)

_____

_____

47.. Name one other common pest seen in your garden **(½)**

_____

Integrated Pest Management is now considered the sustainable environment friendly way to deal with plant pests.

48.State one biological method used in Integrated Pest Management **(1)**

_____

49.State one physical method used in Integrated Pest Management **(1)**

_____

Choose the most suitable one:

50.Which of these flowers is cultivated commercially in Goa? **(½)**

Petunia
Marigold
Rose

51. Which of these flowers is cultivated in poly- houses in Goa? **(½)**

Rose
Hibiscus
Gerbera

schools.aglasem.com
aglasem.com

52. During which season is mist system used in Gerbera cultivation? **(1)**

Answer the following in two sentences.

Climate and environment are important for the well being of the plant

53. State two environmental factors that cause Plant disorders **(1)**

54.How can we prevent fungal diseases in plants? (any two points) **(2)**

ANSWER KEY

1. Succulents

2. Calcutta

3. Mughal gardens were symmetrical and formal
   Bristish gardens were informal gardens with parks
   Mughal gardens had scented flowers made into garlands and bouquets
   British gardens had flowering annuals used for decoration and designing

4. Cocopeat has low level of nutrients, hence compost is added to cocopeat.

5.a.Coir stick

6.Money plant

7.Take a rod (wooden, metal or plastic)
   Wind coir strands (sutli) around the rod.

8. Coleus

schools.aglasem.com

aglasem.com

9. Foliage Plant

10. Alamada Climber, Passion flower, Honey suckle

11. Sunflower, Marigold, Zinnia

12. Snapdragon

13. Rhizomes

14. ferns

15. Anthurium

16. shade

17. normal water

18. division

19. Dwarf variety and bush variety

20 . Requires full sun

21. yellow, orange, red

22. Lawns, hedges, bushes, flower beds, trees, pots hanging baskets, trellises, arches, pot stands, water spots, pavings.

23. They mark out the garden area aesthetically
They provide privacy if required
They protect the garden plants from wind and too much sun

24. Plants
Other materials like bricks, stones etc

25. Suckers

26. Sanseveiria, Anthurium

schools.aglasem.com

aglasem.com

27. Carefully remove the plant from the soil by digging around it, taking care not to break the roots

Gently separate the offset.

The offset can be planted as a separate new plant

28. annuals

29. division of tuber

30. Bushy Plant
31. Hedge
32.Hanging pot
33. Flower bed

34.Haryali grass

35.The grass requires full sun.
The leaves that fall from the tree will dirty the lawn and require constant cleaning

36. Urea

37. It protects the plant from wind
It can be used to grow nursery plants
Plants that require a cool season may also be grown in hot weather

38. 70%

39.Impatiens, Anthuriums, Bromeliads, Flowering Begonias
40. Caladium, Ferns, Begonias, Pothos, Syngonium

41.Light Watering Soil/Medium Pots

42.Should be able to tolerate the shade
Should have attractive leaves both in shape and colour
Should remain evergreen

schools.aglasem.com

aglasem.com

43.House plants are grown to beautify and decorate the house
People living in flats can also grow plants
They purify the air

44. Ceramic, metal

45. Aphids

46.Wash the infected plant leaves and stem with soap or detergent and water.
Spray the plant with dilute detergent solution
Spray with neem oil

47.Caterpillars, beetles, spiders, mites, fruit flies, mealy bugs

48. Conservation of Natural enemies
Biopesticides E.g Neem

49. Removal of infected plants or plant parts
Use of nets, sticky fly traps

50. Marigold

51. Gerbera

52. Summer season

53. Excess or less water, humidity, lighting and temperature

54. Use of neem (biopesticide)

Use of fungicides

schools.aglasem.com

AglaSem Earn while Learn Program. Send your papers and get paid.
Contact: support@aglasem.com aglasem.com