## DDA SO previous paper, DDA sectional officer paper 2017, Delhi development authority question paper

Test T	īme: 10:00 AM - 12:00 PM	
Subject: Sectional Officer_Horticulture		
Section	Domain	
Q.1	The import of seeds/plants/plant material for sowing/planting/propagation etc. is regulated by:  1. Food and Agriculture Organization	
7	The Plants, Fruits and Seeds (Regulation of Import into India) Order	
	X 3. The Destructive Insects and Pests Act	
	X 4. Plant Quarantine Authority of India	
Q.2 1	Which of the following shrubs is grown as indoor flowering pot plant?	
Ans	× 1. Euonymus	
	× 2. Acalypha	
	✓ 3. Beloperone	
_	× 4 Acacia	
Q.3	Which garden is considered as genesis of gardening?	
Ans	X 1. Brindavan	
	✓² Eden	
	× 3. Osaka	
	X 4 Hampshire	
Q.4 Ans	Which is the most commonly used method for extracting oil from flowers?  Solvent extraction method	
	X 2 Pulsing	
	× 3 Maceration	
	X 4 Distillation	
0.5		

Q.5 Fairy ring disease of lawn is caused by the attack of:

Ans X 1. Insects



## Test Prime

ALL EXAMS, ONE SUBSCRIPTION



1,00,000+ Mock Tests



Personalised Report Card



Unlimited Re-Attempt



600+ Exam Covered



25,000 + Previous Year Papers



500% Refund









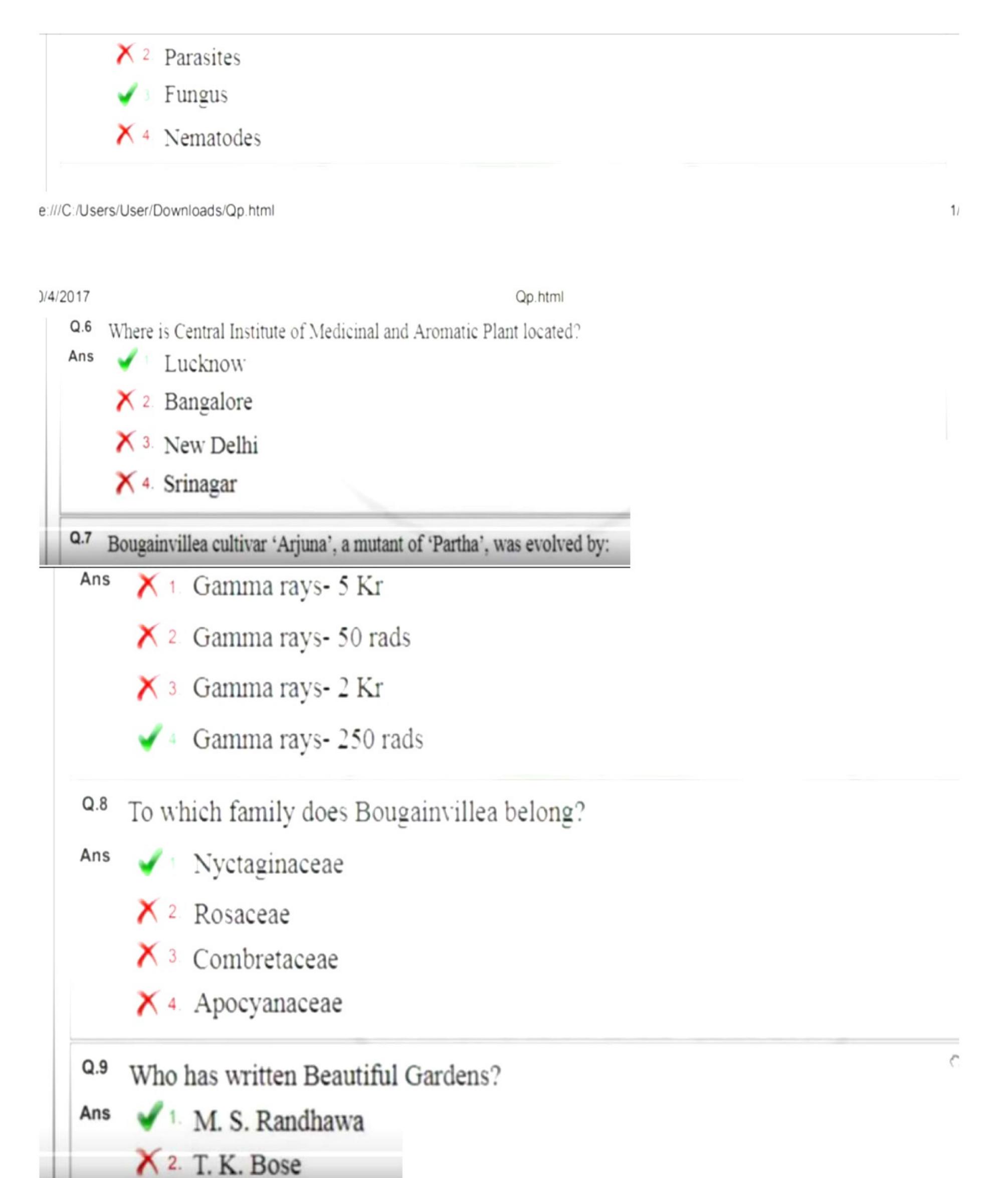




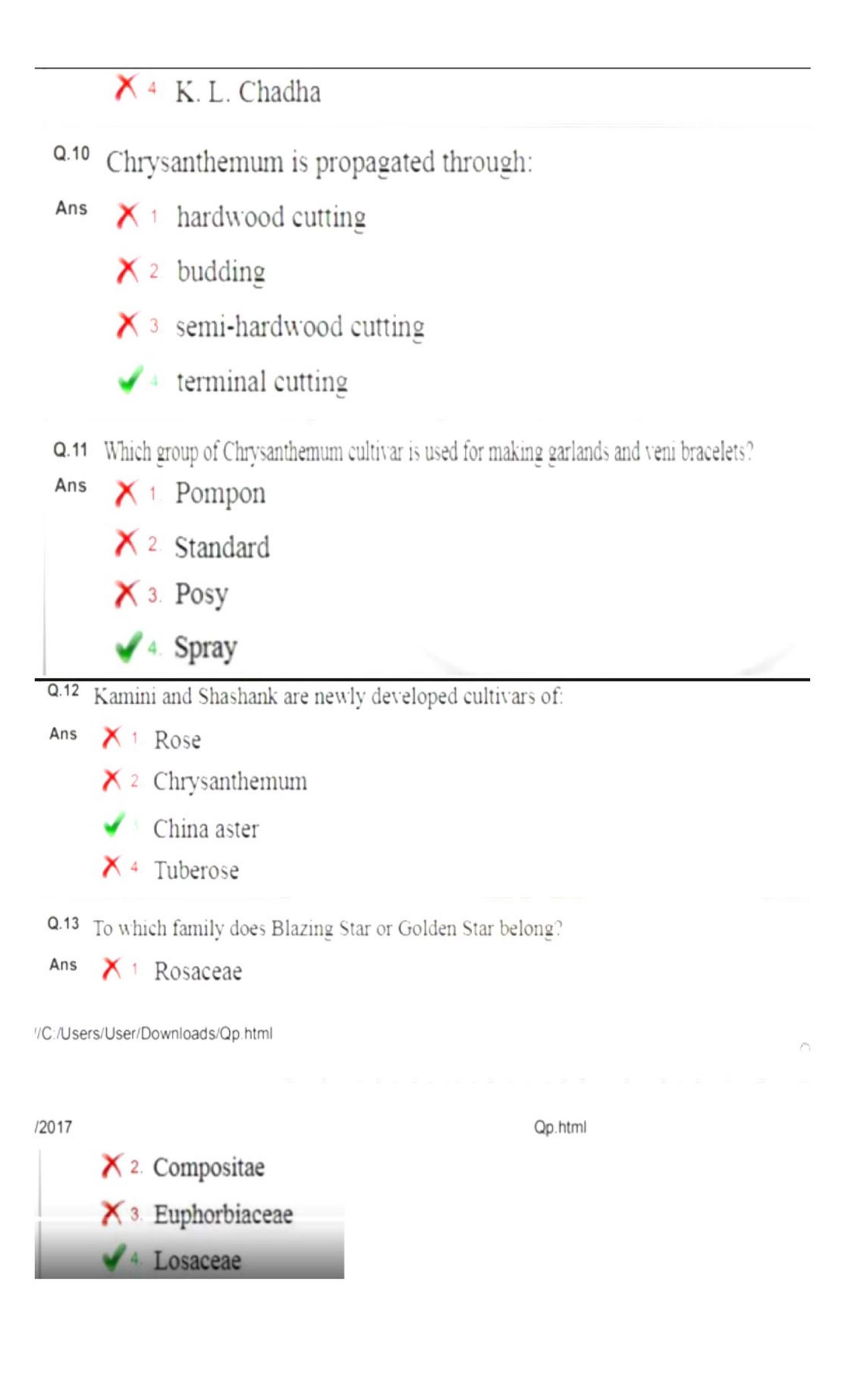




ATTEMPT FREE MOCK NOW



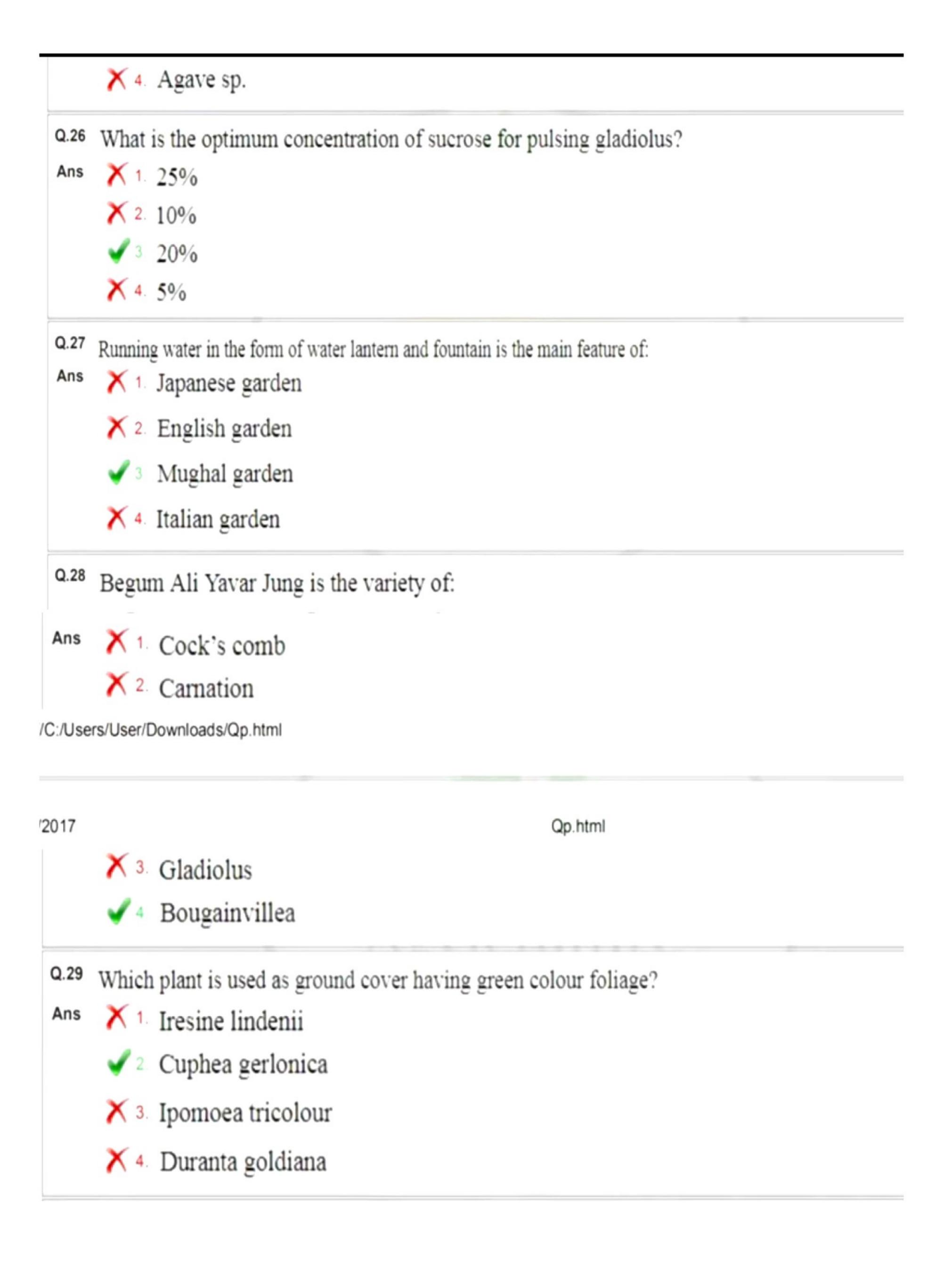
X 3. V. Swarup



Q.14	Yellowing of lawn is due to:
Ans	X 1 Insect attack
	× 2 Snowfall
	× 3 Fungus attack
	√ 4 Water logging
Q.15	From which medicinal plant is Heroine drug produced?
Ans	🗡 1 Sarpagandha
	X 2 Safed Musli
	√ 3 Opium
	X 4. Datura
Ans	X 1. Plant
	• 1 Itulit
	× 2 Animal
	<ul> <li>X 2 Animal</li> <li>X 3 Flower</li> <li>✓ 4 Earth</li> </ul>
Q.17 Ans	X 3 Flower
	<ul> <li>✗ 3 Flower</li> <li>✓ 4 Earth</li> <li>Which is the main producing and exporting country of Senna leaves, pod and sennosides concentrate in the world?</li> </ul>
	<ul> <li>✗ ³ Flower</li> <li>✓ ⁴ Earth</li> <li>Which is the main producing and exporting country of Senna leaves, pod and sennosides concentrate in the world?</li> <li>✓ ¹ India</li> </ul>
	<ul> <li>X 3 Flower</li> <li>✓ 4 Earth</li> <li>Which is the main producing and exporting country of Senna leaves, pod and sennosides concentrate in the world?</li> <li>✓ 1 India</li> <li>X 2 China</li> </ul>
Ans	<ul> <li>X 3 Flower</li> <li>✓ 4 Earth</li> <li>Which is the main producing and exporting country of Senna leaves, pod and sennosides concentrate in the world?</li> <li>✓ 1 India</li> <li>X 2 China</li> <li>X 3 Italy</li> </ul>
Ans	<ul> <li>X 3 Flower</li> <li>✓ 4 Earth</li> <li>Which is the main producing and exporting country of Senna leaves, pod and sennosides concentrate in the world?</li> <li>✓ 1 India</li> <li>X 2 China</li> <li>X 3 Italy</li> <li>X 4 Germany</li> </ul>
Ans Q.18	<ul> <li>X 3 Flower</li> <li>✓ 4 Earth</li> <li>Which is the main producing and exporting country of Senna leaves, pod and sennosides concentrate in the world?</li> <li>✓ 1 India</li> <li>X 2 China</li> <li>X 3 Italy</li> <li>X 4 Germany</li> <li>Area of garden devoted exclusively to shrubs is known as:</li> <li>X 1. Hedge</li> </ul>
Ans Q.18	<ul> <li>X 3 Flower</li> <li>✓ 4 Earth</li> <li>Which is the main producing and exporting country of Senna leaves, pod and sennosides concentrate in the world?</li> <li>✓ 1 India</li> <li>X 2 China</li> <li>X 3 Italy</li> <li>X 4 Germany</li> </ul> Area of garden devoted exclusively to shrubs is known as:

Q.19 Ans	At what temperature can the dormancy of corms/cormels of gladiolus be broken by storing for 3-4 months?
	X 2 1 °C - 2 °C
	X 3 5 °C - 6 °C
	X 4 3 °C - 4 °C
0.20	* P · 1:1.
Q.20	In Bonsai, which type of container is good for cascade style?
Ans	X 1. Round
	X 2. Oval
	3. Square  A Rectangular
Q.21	Gladiolus hybrid 'Apsara' produces a spike length of:
Ans	× 1 90 cm
	× 2 80 cm
	✓ 3 97 cm
	× 4 83 cm
Q.22	Which is a well-known cardiotonic?
Ans	X 1 Eucalyptus
	✓ 2 Digitalis
	X 3 Cinchona
	X 4 Periwinkle
Q.23	Which of the following is not the principle of landscaping?  Balance
	X 2 Accent
	✓ Line
	X 4 Simplicity
Q.24	What is the best time of planting of gladiolus in northern plains?
Ans	🗡 1 January - February
	X 2 July - August
	✓ 3 September - October
	× 4 December - January
Q.25	Which is an ideal ornamental plant for making good dwarf ornamental hedge?
Ans	✓   Acalypha sp.
	× 2 Acacia farnesiana
	· · · · · · · · · · · · · · · · · · ·

× 3 Calliandra tweediana



Q.30 Ans	Whose gum resin is used as a remedy to reduce cholesterol content in blood?  1. Isabgol
	X 2. Dil
	X 3. Black Henbane
	✓ 4 Guggal
Q.31	Ant of daming plants into shapes of different statues, on as of aimmais is known as.
Ans	X 1. Border
	X 2. Hedge
	X 3. Edge
	√ 4 Topiary
Q.32	Wild Garden was expounded by William Robinson in:
Ans	✓ 1 19 <sup>th</sup> century
	× 2. 18 <sup>th</sup> century
	× 3. 20 <sup>th</sup> century
	× 4. 17 <sup>th</sup> century
Q.33	In Azalea, flower initiation is stimulated through photoperiod control and spray of growth retardant:
Ans	X 1. SADH @ 1000 ppm
	X 2. Cycocel @ 500 ppm
	√ 3. Cycocel @ 2500 ppm
	X 4. MH @ 1000 ppm
Q.34	What is the isolation distance for seed production in cross-pollinated flower crops?
Ans	X 1. 500 m
	× 2. 200 m
	X 3. 50 m - 100 m

X 3. 50 m - 100 m
 ✓ 4. 1000 m
 Q.35 Which is the red colour variety of Anthurium?
 Ans
 X 1. Lima
 ✓ 2. Ayashii

/C:/Users/User/Downloads/Qp.html

X 3. Sunburst

2017 Qp.html

X 4. Champion

Q.36 To which family does Azadirachta indica (Neem) belong?

Ans X 1. Rosaceae

✓ 2. Meliaceae

X 3. Sapindaceae

X 4. Caesalpiniaceae

Q.37 Antigon leptopus bears flower in September-October having a colour of:

Ans

√ ¹ Pink

X 2. Yellow

X 3. Blue

X 4. White

Q.38 The height of Mame bonsai should not be more than:

Ans 1. 30 cm - 35 cm

✓ 2. 5 cm - 15 cm

X 3. 20 cm - 25 cm

X 4. 2 cm - 5 cm

Q.39 What is the ideal pH for rose growing? Ans X 1. 8 - 9.5 × 2. 2 - 3.5 ✓ 3 6 - 7.5 X 4. 4 - 5.5

Q.40 Which of the following is the largest exporter of cut flowers in the World?

Ans ✓ Netherlands

X 2. Japan

X 3. Germany

X 4 Columbia

Q.41 Which is an early blooming annual?

Alyssum maritimum

X 2 Mathiola

X 3. Althea rosea

X 4 Abronia umbellata

Q.42 What is the optimum room temperature for pulsing?

Ans X 1. 25 °C - 30 °C

✓ 2 20 °C - 27 °C

X 3. 10 °C - 15 °C

X 4. 15 °C - 20 °C

Q.43 Which is the first plant cloned by tissue culture?

X 1 Gerbera

	× 2. Carnation
	× 3. Lilium
	✓ 4 Orchids
Q.44	Calyx splitting is the physiological disorder associated with:
Ans	X 1. Gerbera
	X 2. Tuberose
	✓ <sup>3</sup> Carnation
	X 4. Orchid
Q.45	What is the planting distance of polyanthus rose?
Ans	× 1. 90 cm
	× 2. 1 m
	✓ 3 45 cm
	× 4. 120 cm
Q.46	The ideal range of temperature for indoor plant is around:
	The ideal range of temperature for indoor plant is around:  1. 25 °C - 30 °C
	X 1. 25 °C - 30 °C
	X 1. 25 °C - 30 °C X 2. 22 °C - 25 °C
Ans Q.47	X 1. 25 °C - 30 °C X 2. 22 °C - 25 °C ✓ 3 15 °C - 21 °C
Ans	X 1. 25 °C - 30 °C X 2. 22 °C - 25 °C ✓ 3 15 °C - 21 °C X 4. 10 °C - 12 °C
Ans Q.47	<ul> <li>X 1. 25 °C - 30 °C</li> <li>X 2. 22 °C - 25 °C</li> <li>✓ 3 15 °C - 21 °C</li> <li>X 4. 10 °C - 12 °C</li> </ul> At present, which Indian state has the maximum area under floriculture?
Ans Q.47	<ul> <li>X 1. 25 °C - 30 °C</li> <li>X 2. 22 °C - 25 °C</li> <li>✓ 3 15 °C - 21 °C</li> <li>X 4. 10 °C - 12 °C</li> <li>At present, which Indian state has the maximum area under floriculture?</li> <li>✓ 1 Karnataka</li> </ul>
Ans Q.47	<ul> <li>X 1. 25 °C - 30 °C</li> <li>X 2. 22 °C - 25 °C</li> <li>✓ 3 15 °C - 21 °C</li> <li>X 4. 10 °C - 12 °C</li> <li>At present, which Indian state has the maximum area under floriculture?</li> <li>✓ 1 Karnataka</li> <li>X 2. West Bengal</li> </ul>
Ans Q.47	<ul> <li>X 1. 25 °C - 30 °C</li> <li>X 2. 22 °C - 25 °C</li> <li>✓ 3 15 °C - 21 °C</li> <li>X 4. 10 °C - 12 °C</li> <li>At present, which Indian state has the maximum area under floriculture?</li> <li>✓ 1 Karnataka</li> <li>X 2 West Bengal</li> <li>X 3 Maharashtra</li> </ul>
Q.47 Ans	<ul> <li>X 1. 25 °C - 30 °C</li> <li>X 2. 22 °C - 25 °C</li> <li>✓ 3 15 °C - 21 °C</li> <li>X 4. 10 °C - 12 °C</li> <li>At present, which Indian state has the maximum area under floriculture?</li> <li>✓ 1 Karnataka</li> <li>X 2. West Bengal</li> <li>X 3. Maharashtra</li> <li>X 4. Rajasthan</li> </ul>
Ans	X 1. 25 °C - 30 °C X 2. 22 °C - 25 °C ✓ 3 15 °C - 21 °C X 4. 10 °C - 12 °C
Ans Q.47	X 1. 25 °C - 30 °C X 2. 22 °C - 25 °C ✓ 3 15 °C - 21 °C X 4. 10 °C - 12 °C
Ans Q.47	<ul> <li>X 1. 25 °C - 30 °C</li> <li>X 2. 22 °C - 25 °C</li> <li>✓ 3 15 °C - 21 °C</li> <li>X 4. 10 °C - 12 °C</li> </ul> At present, which Indian state has the maximum area under floriculture?
Ans Q.47	<ul> <li>X 1. 25 °C - 30 °C</li> <li>X 2. 22 °C - 25 °C</li> <li>✓ 3 15 °C - 21 °C</li> <li>X 4. 10 °C - 12 °C</li> <li>At present, which Indian state has the maximum area under floriculture?</li> <li>✓ 1 Karnataka</li> </ul>
Ans Q.47	<ul> <li>X 1. 25 °C - 30 °C</li> <li>X 2. 22 °C - 25 °C</li> <li>✓ 3 15 °C - 21 °C</li> <li>X 4. 10 °C - 12 °C</li> <li>At present, which Indian state has the maximum area under floriculture?</li> <li>✓ 1 Karnataka</li> </ul>
Ans Q.47	<ul> <li>X 1. 25 °C - 30 °C</li> <li>X 2. 22 °C - 25 °C</li> <li>✓ 3 15 °C - 21 °C</li> <li>X 4. 10 °C - 12 °C</li> <li>At present, which Indian state has the maximum area under floriculture?</li> <li>✓ 1 Karnataka</li> </ul>
Ans Q.47	<ul> <li>X 1. 25 °C - 30 °C</li> <li>X 2. 22 °C - 25 °C</li> <li>✓ 3 15 °C - 21 °C</li> <li>X 4. 10 °C - 12 °C</li> <li>At present, which Indian state has the maximum area under floriculture?</li> <li>✓ 1 Karnataka</li> <li>X 2. West Bengal</li> </ul>
Ans Q.47	<ul> <li>X 1. 25 °C - 30 °C</li> <li>X 2. 22 °C - 25 °C</li> <li>✓ 3 15 °C - 21 °C</li> <li>X 4. 10 °C - 12 °C</li> <li>At present, which Indian state has the maximum area under floriculture?</li> <li>✓ 1 Karnataka</li> <li>X 2. West Bengal</li> </ul>
Ans Q.47	<ul> <li>X 1. 25 °C - 30 °C</li> <li>X 2. 22 °C - 25 °C</li> <li>✓ 3 15 °C - 21 °C</li> <li>X 4. 10 °C - 12 °C</li> <li>At present, which Indian state has the maximum area under floriculture?</li> <li>✓ 1 Karnataka</li> <li>X 2 West Bengal</li> <li>X 3 Maharashtra</li> </ul>
Ans Q.47	<ul> <li>X 1. 25 °C - 30 °C</li> <li>X 2. 22 °C - 25 °C</li> <li>✓ 3 15 °C - 21 °C</li> <li>X 4. 10 °C - 12 °C</li> <li>At present, which Indian state has the maximum area under floriculture?</li> <li>✓ 1 Karnataka</li> <li>X 2 West Bengal</li> <li>X 3 Maharashtra</li> </ul>
Q.47 Ans	<ul> <li>X 1. 25 °C - 30 °C</li> <li>X 2. 22 °C - 25 °C</li> <li>✓ 3 15 °C - 21 °C</li> <li>X 4. 10 °C - 12 °C</li> <li>At present, which Indian state has the maximum area under floriculture?</li> <li>✓ 1 Karnataka</li> <li>X 2. West Bengal</li> <li>X 3. Maharashtra</li> <li>X 4. Rajasthan</li> </ul>
Q.47 Ans	<ul> <li>X 1. 25 °C - 30 °C</li> <li>X 2. 22 °C - 25 °C</li> <li>✓ 3 15 °C - 21 °C</li> <li>X 4. 10 °C - 12 °C</li> <li>At present, which Indian state has the maximum area under floriculture?</li> <li>✓ 1 Karnataka</li> <li>X 2. West Bengal</li> <li>X 3. Maharashtra</li> <li>X 4. Rajasthan</li> <li>What is the parentage of Ascocenda hybrid of orchid?</li> </ul>
Q.47 Ans	<ul> <li>X 1. 25 °C - 30 °C</li> <li>X 2. 22 °C - 25 °C</li> <li>✓ 3 15 °C - 21 °C</li> <li>X 4. 10 °C - 12 °C</li> <li>At present, which Indian state has the maximum area under floriculture?</li> <li>✓ 1 Karnataka</li> <li>X 2. West Bengal</li> <li>X 3. Maharashtra</li> <li>X 4. Rajasthan</li> <li>What is the parentage of Ascocenda hybrid of orchid?</li> </ul>

Q.49	Which medicinal plant is known as 'Second Shilajeet'?	
Ans	✓ 1 Safed Musli	
	× 2. Isabgol	
	X 3. Asparagus	
	X 4. Senna	0
Q.50	What is the seed rate requirement of China aster for 1.0 ha area?	
Ans	✓ 1. 2.5 kg - 3 kg	
	X 2. 1.5 kg - 2 kg	
	X 3. 3.5 kg - 4 kg	
	X 4. 4.5 kg - 5 kg	
.51	Devil's tree or Saptaparni is the common name of:	
ns	<ul> <li>1 Alstonia scholaris</li> </ul>	
	X 2. Araucaria cookie	
	X 3. Azadirachta indica	
	X 4. Albizia lebbeck	0

X 2. Banjaran

3. Kiss of Fire4. Gulzar

Q.53	The oblique style of Bonsai is also known as:	62
Ans	X 1. Kyokkok	
	× 2. Kengai	
	× 3. Chokkan	
	√ 4 Hankan	
Q.54	The rose variety Mrinalini has been developed by:	
Ans	× 1. I.I.H.R.	
	√ 2 I.A.R.I.	
	X 3. U.A.S. Bangalore	
	× 4. N.B.R.I.	
Q.55	Eve's Apron is the common name of:	
Ans	✓ 1 Ficus roxburghii	
	X 2. Juniperus chinensis	
	× 3. Ailanthus exelsa	
	X 4. Kigelia pinnata	
Q.56	Shin, Soe and Hikae are the features of:	
Ans	X 1. Bonsai	
	X 2. Hanging basket	
	✓ 3. Ikebana	0
	X 4. Pot culture	
Q.57	To which family does safed musli belong?	
Ans	X 1. Apiaceae	
	X 2. Solanaceae	
	X 3. Euphorbiaceae	



Q.58 In Japanese flower arrangement, Shine is placed with an angle of:

Ans X 1. 30°

/C:/Users/User/Downloads/Qp.html

/2017 Qp.html

√ 2 15°

**X** 3. 45°

X 4. 60°

Q.59 Which is the most efficient irrigation method for growing flowering crops?

Ans X 1 Sprinkler irrigation

X 2. Trench irrigation

X 3. Flood irrigation

## 4 Drip irrigation

Q.60 Gerbera can be grown in red loamy soil with soil pH:

- Ans X 1. 7.5 8.5
  - X 2. 3.5 4.5
  - X 3. Above 9
  - **√** 4 6.0 6.5

Which of the following fungicides is used to prevent rose plant from dieback disease?

- X 1. Captan
- × 2. Sulfex
- Rose paint
- X 4 Bavistin

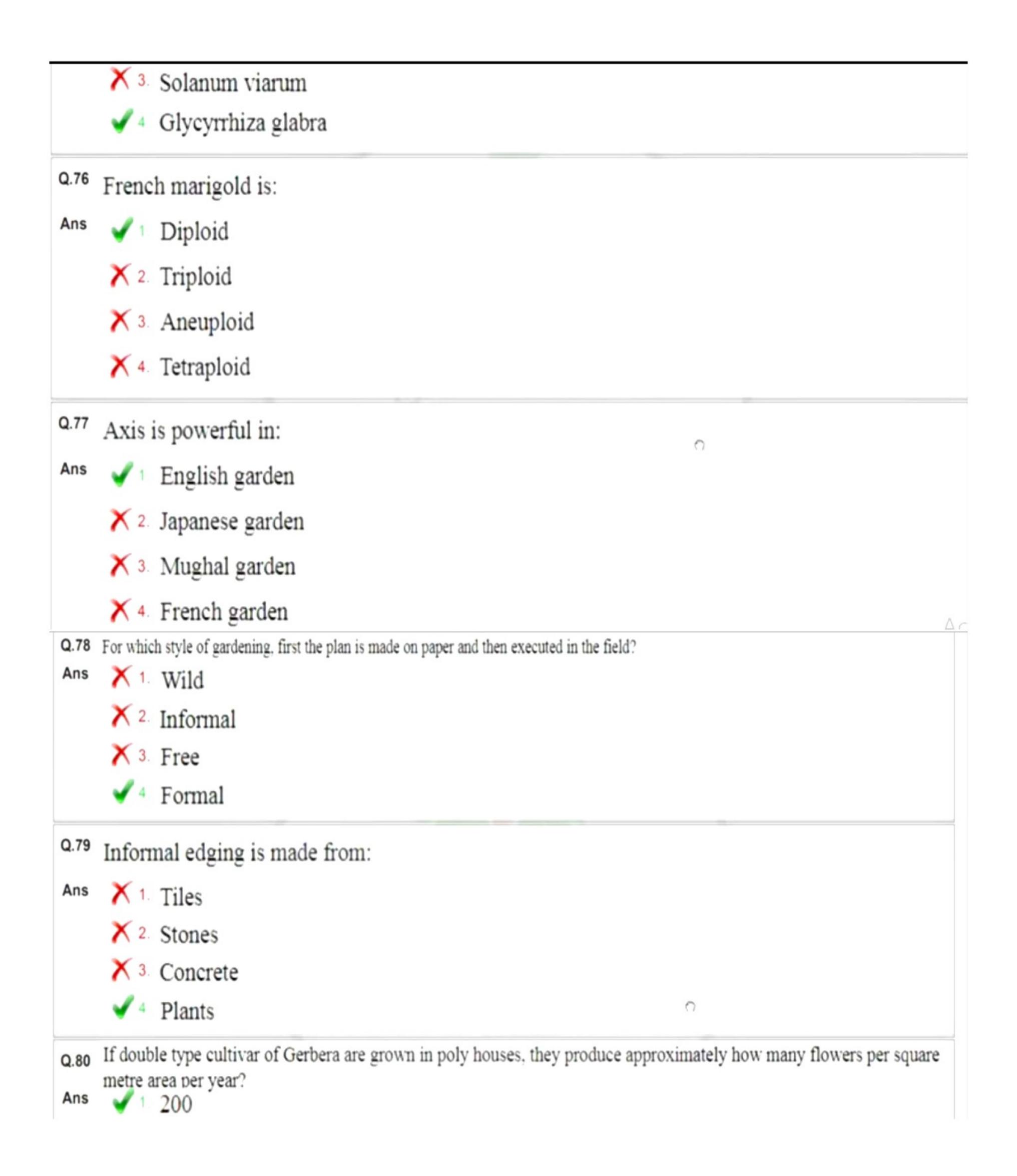
Q.62 In roses, Vitamin C is found in:



	× 2. Petals
	✓ <sup>3</sup> Pods
	X 4. Rose hips
Q.63	IBA treatment has been reported to increase rooting percentage in hardwood cutting of Bougainvillea cv. 'Thimma' at a
Ans	concentration of:  1. 1000 ppm
	✓ 2 2000 ppm
	X 3. 200 ppm
	× 4. 500 ppm
Q.64	Pinching is required in:
Ans	
Alla	✓¹ Dahlia
	X 2. Tuberose
	X 3. Gerbera
1165	X 4. Rose
	Araucaria cookii is highly suitable for planting as:
Ans	X 1. Screening
	X 2. Avenue
	X 3. Group
10.11	
/C:/USE	rs/User/Downloads/Qp.html
2017	Qp.html
	✓ 4 Specimen
	• Specimen
Q.66	Which mode of indoor gardening was developed by Dr. Nathaniel Ward?
Ans	X 1 Jar and bottle gardening
	✓ <sup>2</sup> Terrariums
	X 3. Gardening in tubs and urns
	ou dennie in toos und unis

	X 4. Hanging basket gardening
Q.67	Which medicinal plant is effective for the control of blood pressure?
Ans	🗡 1. Catharanthus roseus
	2 Rauwolfia serpentina
	X 3. Cassia augustifolia
	X 4. Withania somnifera
Q.68	Dimorphotheca is very good for:
Ans	✓ 1 Bedding and pots
	× 2. Hanging basket
	X 3. Ground cover
	X 4. Lawn
Q.69	Which of the following has violet colour foliage?
Ans	🗡 1. Duranta repens
	√ 2. Gynura aurantiaca
	X 3. Acalypha hispida
	X 4. Myrtus mediopictus
Q.70	Which is the most commonly used shrub for making Topiary?
Ans	X 1. Cassia glauca
	X 2. Poinsettia pulcherima
	✓ 3 Clerodendrum inerme
	X 4. Calliandra tweediana
Q.71	What is the right stage of harvesting for distant market of gladiolus spikes?
Ans	X 1. Tight bud stage
	X 2. When all florets are open

0.71	What is the right stage of harvesting for distant market of gladiolus spikes?	
Ans	Tight bud stage	
	X 2. When all florets are open	
	X 3. When lower floret fully opens	
	✓ 4 When lowermost floret shows colour	
Q.72	In which month is the top dressing of lawn done?	
Ans	✓ 1 February	
	× 2. December	
	X 3. July	
	× 4. April	
Q.73	What is the optimum light requirement for Vanda genera of Orchid?	
Ans	✓ 1 800 foot candles	
	× 2. 500 foot candles	
	× 3. 300 foot candles	
	× 4. 1000 foot candles	
Q.74	× 4. 1000 foot candles	
	× 4. 1000 foot candles	
	X 4. 1000 foot candles  Which of the following is a narcotic crop?	
	<ul> <li>* 4. 1000 foot candles</li> <li>Which of the following is a narcotic crop?</li> <li>* 1. Isabgol</li> </ul>	
	<ul> <li>¥ 1000 foot candles</li> <li>Which of the following is a narcotic crop?</li> <li>X 1. Isabgol</li> <li>X 2. Ephedra</li> </ul>	
Q.74 Ans	<ul> <li>★ 4 1000 foot candles</li> <li>Which of the following is a narcotic crop?</li> <li>★ 1. Isabgol</li> <li>★ 2. Ephedra</li> <li>✔ 3 Poppy</li> <li>★ 4. Vinca</li> </ul>	



X 2. 100

X 3. 400

X 4. 300

Section: Reasoning

90 people attended a party where 2 stalls provided cutlets (C) and sweets (S) respectively. 21 persons were fasting and Q.1 did not take anything. 41 persons took S. 37 preferred C. Find the number of persons who took both the items.

Ans X 1. 11

X 2. 8

X 3. 10

Instead of finding  $\frac{4}{5}$  of a number,  $\frac{4}{15}$  of the number was taken into account by mistake. This resulted in a difference of 120. Find the number.

Ans

X 1. 230

X 2. 205

X 3. 215

**√** 4. 225

Q.3 K is the brother of X and only son of P. Y is the father of P. How is X related to Y?

X 1. Daughter-in-law

× 2. Daughter

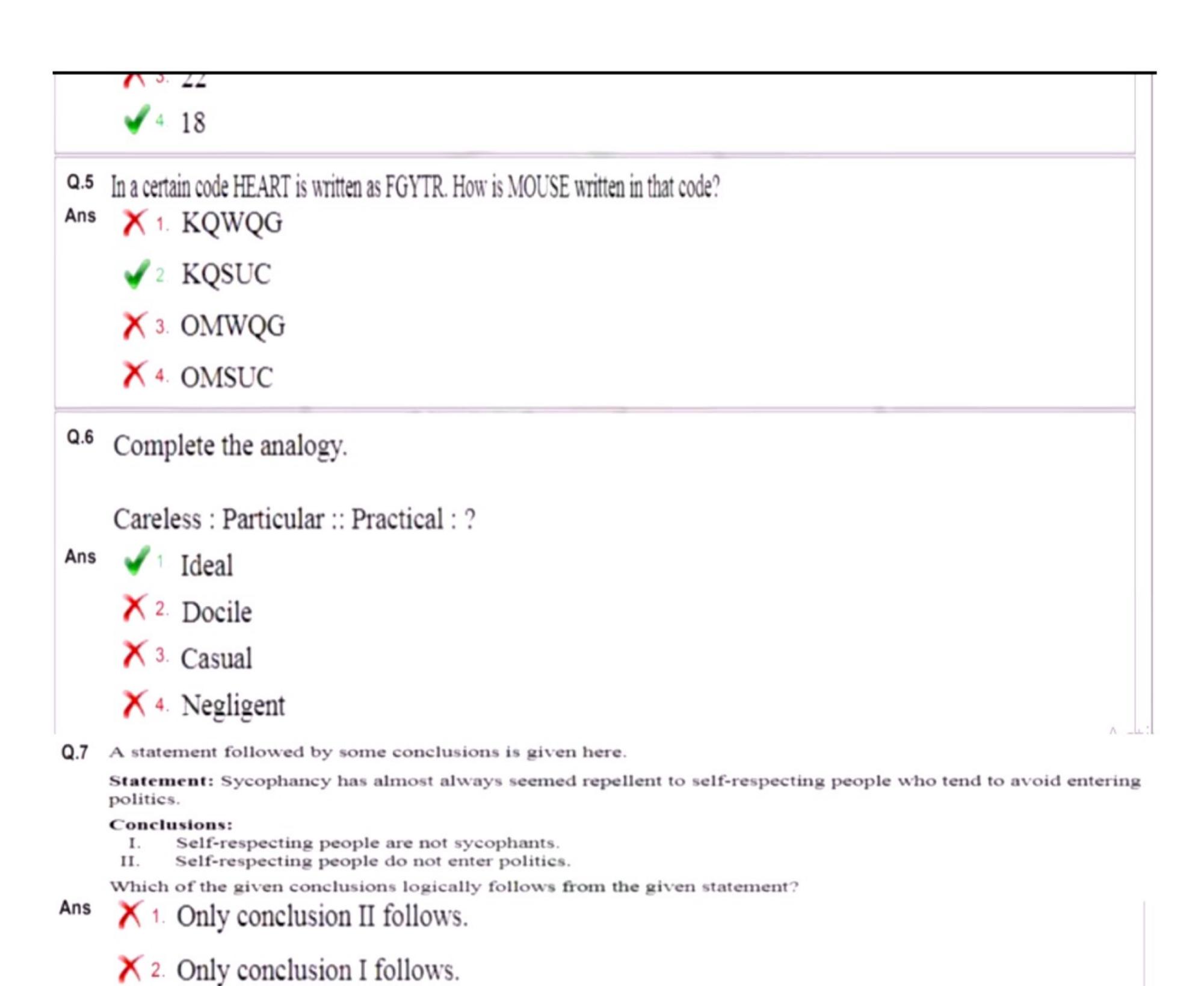
3. Granddaughter

X 4. Sister

Determine the missing number.

28	16	14
37	65	39
20	?	17

X 2. 11



X 3. Both I and II follow.

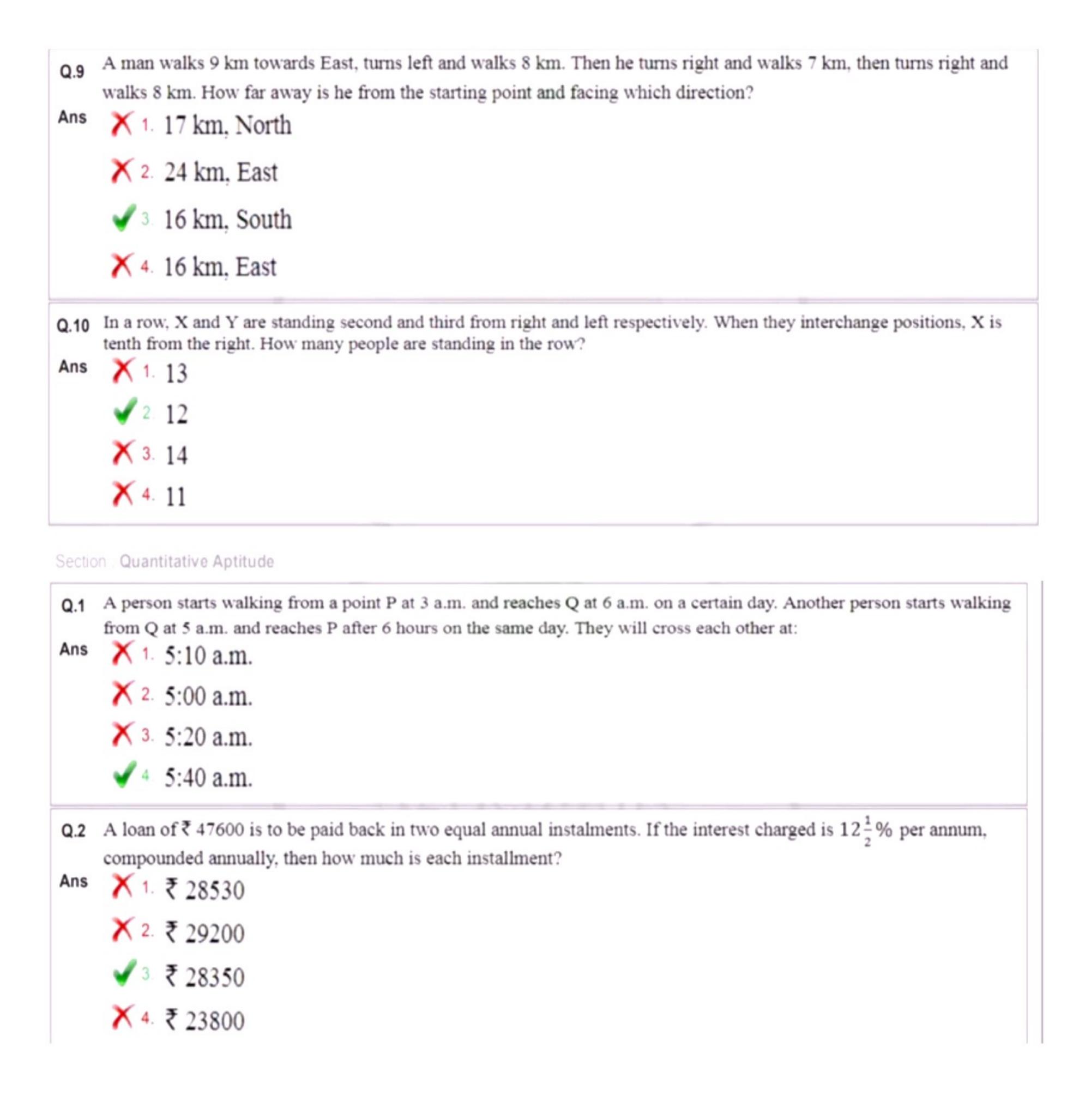
Q.8 Complete the analogy.

30: 42 :: 72 : ?

× 3. 80 × 4. 83

Ans

Weither I nor II follows.



Q.3	The sum of an infinite geometric series is 2 and the sum of the geometric series obtained by cubing the terms of the
	given geometric series is 24, then what is the sum of its first three terms?
Ans	$\checkmark$ 1 $2\frac{1}{4}$
	$\times$ 2. $1\frac{1}{2}$
/C:/Use	ers/User/Downloads/Qp.html
2017	Qp.html
	$\times$ 3. $-\frac{3}{4}$
	$\times$ 4. $3\frac{3}{4}$
Q.4	A vessel contains 80 litres of alcohol. From this vessel, 4 litres of alcohol is taken out and replaced by water. This process is repeated two more times. How much alcohol is left in the vessel?
Ans	X 1. 72.2 litres
	✓ 2 68.59 litres
	X 3. 67.6 litres
	X 4. 65.16 litres
Q.5	Let $x$ be the least number which, when divided by 2, 3, 4, 5 and 6, leaves in each case the remainder 1, but when divided by 7 leaves no remainder. What is the sum of digits of $x$ ?
Ans	X 1. 7
	√ 2. 4
	X 3. 5
	<b>X</b> 4. 3
Q.6	Even after reducing the marked price of an article by ₹ 68, a trader still makes a profit of 20% on it. If the cost price is ₹ 360, what approximate percentage of profit would he have made if he had sold it at the marked price?

Ans X 1. 36 X 2. 37 X 3. 42 V 4. 39 Q.7 If 32 persons can complete  $\frac{5}{7}$  th part of a work in 20 days, then how many persons are required to complete the remaining work in 16 days?

- Ans X 1. 20

  - X 3. 24
  - X 4. 30
- The ratio of incomes of A, B and C last year was 4:5:6. The ratios of their individual incomes of last year and this year are 2:3, 4:5 and 3:4 respectively. If the sum of their present incomes is ₹226800, then what is the present income of C?

- Ans X 1. ₹ 75600
  - X 2. ₹ 67200
  - **√** 3. ₹ 89600
  - **X** 4. ₹ 70000
- Q.9 From the top of a building 150 m high, the angles of depression of the top and bottom of a tower are observed to be 30° and 60° respectively. What is the difference (in metres) in the height of building and that of tower?

- Ans  $\times$  1. 50  $\sqrt{3}$  m
  - X 2. 100 m
  - **√** 3. 50 m
  - × 4. 100 √3 m
- If  $\alpha$  and  $\beta$  are the roots of the equation (x-a)(x-b)+c=0, where  $c\neq 0$ , then what are the roots of  $(x-c-\alpha)(x-c-\beta)=c?$

- Ans  $\sqrt{a+c}$  and (b+c)
  - $\times$  2. a and b
  - $\times$  3. (a+c) and b

## $\times$ 4. (a+b) and (b+c)

Section: General Awareness

Q.1 Who is the Chief Minister of Kerala as of August 2017?

- Ans 1. Oommen Chandy
  - Pinarayi Vijayan
  - X 3. V. S. Achuthanandan
  - X 4 K. M. Mani
- The method of separation of soluble solids from liquid constituents is called:

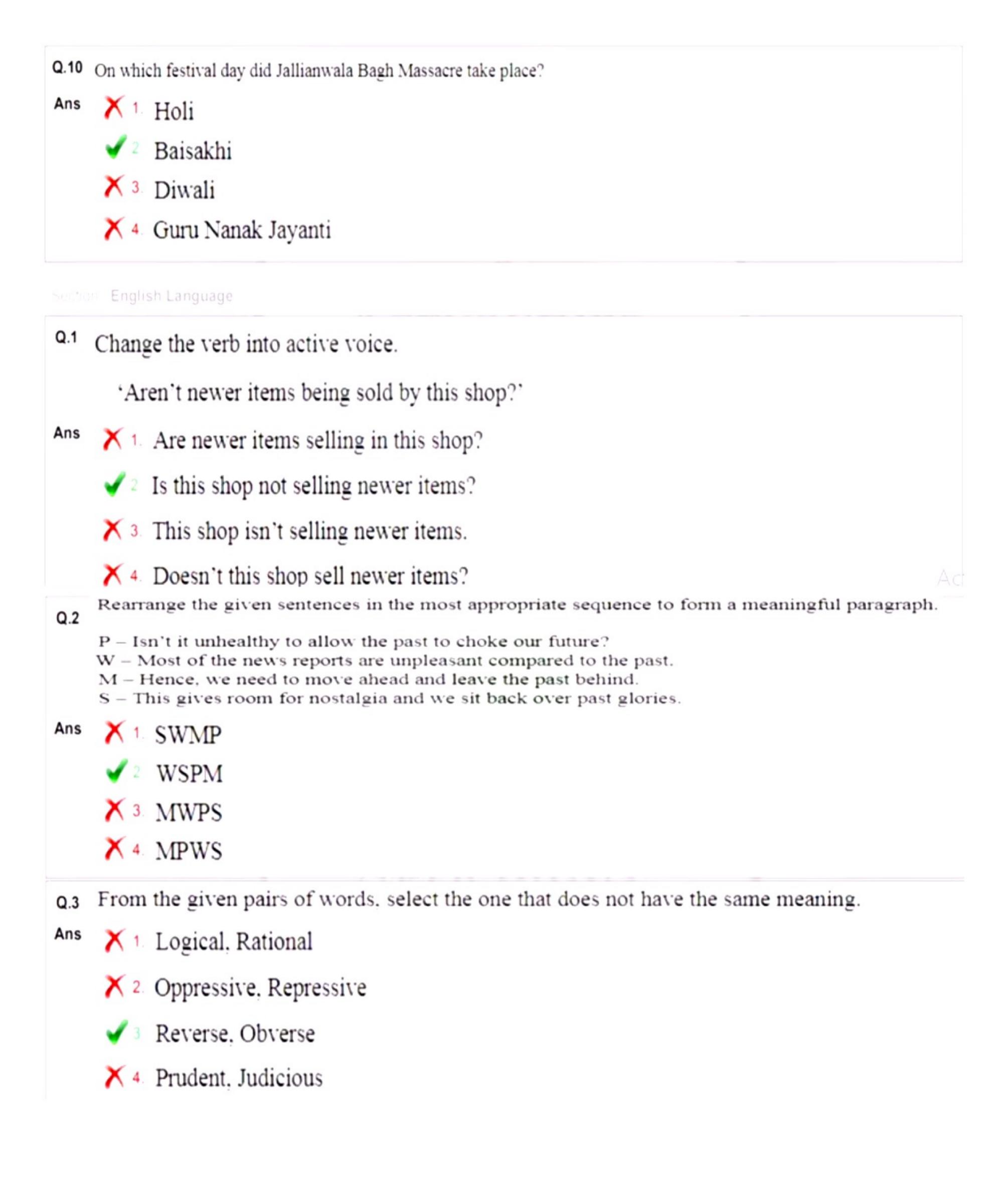
- × 1. Evaporation
- × 2. Filtration
- √ 3 Distillation
- X 4 Sedimentation
- The production or emission of light by a living organism by converting chemical energy to light energy is called:

Ans

- ✓ ¹ Bioluminescence
- X 2. Non-luminescence
- X 3. Biolight
- X 4. Translucent
- How many fundamental rights are guaranteed to the citizens of India?

- Ans X 1. 4
  - X 2. 5
  - X 3. 3
  - **√** 4. 6

Q.5	Which disease is caused by deficiency of iodine?	
Ans		
	✓¹ Goitre  X 2. Anaemia	
	X 3. Rickets	
	X 4. Beriberi	
Q.6	To which of these sports is Geet Sethi linked?	
Ans	✓¹ Billiards	
	X 2. Badminton	
	X 3. Hockey	
	X 4. Table tennis	
Q.7		
	Who among the following was not a Gupta king?	
Ans	X 1. Skanda Gupta	
	√ 2 Mahendra Gupta	Activ
	X 3. Samudra Gupta	
	X 4. Vikramaditya	
Q.8	Where was the Sachitary Workshop inaugurates by the Determent Minister in 2010.	
Ans	X 1. Vishakapatnam	
	× 2. Kandla	
	X 3. Marmagoa	
	4 Mazgaon	
Q.9	Industries that are dependent on animals for their raw material are called:	
Ans	X 1. Consumer-based	
	X 2. Agro-based	
	√ 3 Pastoral-based	
	X 4. Mineral-based	



Q.4 Ans		notice. Which word is suited to fill in the blank?			
/C:/Users/User/Downloads/Qp.html					
2017	× 4. farther	Qp.html			
Q.5	Inomas go to waten movies often.				
Q.6	'To beggar description'	n:			
	X 3. Unworthy of depiction				

	X 4. Too poor to describe		
Q.7	A PIL was filed in the court seeking to strike the draconian law.		
Ans	X 1. through		
	× 2. off		
	✓ 3. down		
	× 4. out		
Q.8	From the given pairs of words, select the one that has the same meaning.		
Ans	x 1. Respect, Insolence		
	X 2. Reticence, Openness		
	✓ 3. Temerity, Impudence		
	X 4. Timidity, Boldness		
Q.9	Find the mis-spelt word.		
Ans	× 1. Reasonableness		
	X 2. Expediency		
	× 3. Thesaurus		
	√ 4. Impurtinent		
Q.10	Make a meaningful sentence from the following.		
	O: hatred but		
	K : the opposite T : indifference		
	G: of love		
	Q: is not		
	The correct order is:		
Ans	X 1. TQGOK		
Ans	X 1. TQGOK		
	X 2. GKOQT		
	X 3. OQKTG		
	✓ 4. KGQOT		