

## **Internal Practical Examination (2023)**

### **Production of Cool Season Vegetable Crops (HVSC 0501)**

#### **Course credit- (2+1)**

1. Identification of Vegetables along with botanical name, family, chromosome no and two important varieties (10)
2. Solve the following problem (10)

A farmer wants to apply CAN-550 Kg, SSP-430 kg, MOP-90 kg in 1 ha of land in cauliflower crop. But CAN is not available in the market. Available fertilizers are German mixture (12:32:16 of N, P and K), Urea (46% N), SSP (16 % P) and MOP (60 % K). Then how much amount of GM, Urea, SSP and MOP are needed to apply to fulfill the requirement of nutrients in cauliflower?

3. Assignment and Practical note book (5)

## **Internal Practical Examination (2022)**

### **Production Technology of Cool Season Vegetable Crops (MAVS 1101)**

#### **Course credit- (2+1)**

1. Identification of Vegetables botanical name, family, chromosome no and two important varieties (10)
2. Solve the following problem (10)

A farmer wants to apply CAN-550 Kg, SSP-430 kg, MOP-90 kg in 1 ha of land in cauliflower crop. But CAN is not available in the market. Available fertilizers are German mixture (12:32:16 of N, P and K), Urea (46% N), SSP (16 % P) and MOP (60 % K). Then how much amount of GM, Urea, SSP and MOP are needed to apply to fulfill the requirement of nutrients in cauliflower?

3. Assignment copy and Practical note book (5)

	SUB CODE:HVSC 0501	SUBJECT NAME: <b>Production of Cool Season Vegetable Crops</b>		
S. NO	MCQ	Instructions		
1.		<b>'Red Acre' and 'Red Mammoth' are important varieties of-</b>		
		White cabbage		
		Red cabbage	Yes	
		Savoy cabbage		
		None of the above		
2.		<b>Chromosome number of cauliflower is-</b>		
		$2n=2x=20$		
		$2n=2x=18$	Yes	
		$2n=2x=22$		
		$2n=2x=24$		
3.		<b>Pusa Himjyoti, Pusa Shubhra, Pant Shubhra are important varieties of which of the following crop?</b>		
		Cabbage		
		Cauliflower	Yes	
		Carrot		
		Potato		
4.		<b>Indian type/ Asiatic cauliflowers are characterized by-</b>		
		More self-incompatibility		
		Creamy yellow curd colour		
		Heterozygosity		
		All of the above	Yes	
5.		<b>European type cauliflowers are characterized by-</b>		
		Less self-incompatibility		
		White curd colour		
		Homozygosity		
		All of the above	Yes	
6.		<b>Edible part of Knol-khol is known as-</b>		
		Head		
		Curd		
		Knob	Yes	
		None of the above		
7.		<b>Pusa Virat is an important variety of</b>		
		Cabbage		
		Cauliflower		

		Knol-khol	Yes	
		Brussels Sprout		
8.		<b>‘Spear’ is produced from which of the following crop?</b>		
		Cabbage		
		Cauliflower		
		Sprouting Broccoli	Yes	
		Knol-khol		
9.		<b>‘Palam Vichitra’ is a variety of which of the following crop?</b>		
		Cabbage		
		Cauliflower		
		Sprouting Broccoli	Yes	
		Knol-khol		
10.		<b>Which one of the following is the ancestor of ‘cole’ crops?</b>		
		<i>Brassica oleracea</i> var. <i>botrytis</i>		
		<i>Brassica oleracea</i> var. <i>caulorapa</i>		
		<i>Brassica oleracea</i> var. <i>sylvestris</i>	Yes	
		<i>Brassica oleracea</i> var. <i>gongylodes</i>		
11.		<b>Edible part of cabbage is known as-</b>		
		Head	Yes	
		Curd		
		Knob		
		None of the above		
12.		<b>Edible part of cauliflower is known as-</b>		
		Head		
		Curd	Yes	
		Knob		
		None of the above		
13.		<b>Cole crops are originated from-</b>		
		South east asia		
		South west asia (Afghanistan)		
		Mediterranean region	Yes	
		Tropical africa		
14.		<b>Which of the following type of cabbage is having blistered leaves?</b>		
		White cabbage		
		Red cabbage		

		Savoy cabbage	Yes	
		All of the above		
15.		<b>‘Sauerkraut’ is produced from-</b>		
		Cabbage	Yes	
		Cauliflower		
		Carrot		
		Spinach		
16.		<b>‘Browning’ in cauliflower is occurred due to deficiency of which of the micronutrient?</b>		
		Boron	Yes	
		Molybdenum		
		Zinc		
		Copper		
17.		<b>‘Whiptail’ in cauliflower is occurred due to deficiency of which of the micronutrient?</b>		
		Boron		
		Molybdenum	Yes	
		Zinc		
		Copper		
18.		<b>‘Riceyness’ and ‘Fuzziness’ are important physiological disorders of which of the following crop?</b>		
		Spinach		
		Potato		
		Cabbage		
		Cauliflower	Yes	
19.		<b>Which of the following variety of cabbage is resistant to the disease ‘Black rot’?</b>		
		Pusa Mukta	Yes	
		Pusa Drumhead		
		Golden Acre		
		Pride of India		
20.		<b>Which of the following variety of cabbage is resistant to the disease ‘Black leg’?</b>		
		Pusa Mukta		
		Pusa Drumhead	Yes	
		Golden Acre		
		Pride of India		