

Class IX : Voc (Retail) : Term II (Annual) :2022 Marks 15

I. Multiple choice questions (MCQ) 1X5

1. Danger Level means

- a) accurate level
- b) replenish stock
- c) below stock level
- d) None of the above

2. Stock means

- a) making products and store into warehouse
- b) any services
- c) make products, provide services to run business
- d) None of the above

3. The purpose of document handling is

- a) to save time
- b) safety of goods
- c) prevent conditions of goods from worsening
- d) matching with required

4. Tangible products are

- (a) soap
- (b) electronic gadgets
- (c) bicycle
- (d) All (a), (b), (c.)

5. Which of the following is not an advantage of providing customer services?

- (a) Serve customer better
- (b) Decrease customer revenues
- (c) Acquiring new customers
- (d) Sell products more effectively

II. Very short type answers (VSA) 1X6

6. Who is a customer?

7. What are the types of stock levels?

8. What is a floor plan?

9. Why is there a need to identify customer expectation?

10. What is the importance of handling equipment?

11. What is the significance of customers' feedback?

III. Short Answers (SA) : 2x2

1. Mention two basic need of managing stock level in retail?

2. What are the advantages of customer service?

Class IX:Voc(Retail-Pract):Term II(Annual):2022:Marks 35

Marks Distribution:

- 1. Practical (Hands on skill) =20 Marks*
- 2. Observation= 5 Marks*
- 3. Viva= 5 Marks*
- 4. Portfolio= 5Marks*

Time: 2 hours

10X2=20

1. Scan the barcode of a particular product using barcode scanner.
2. Make a customer feedback form comprising of 8 (eight) questions for XYZ store, which is engaged in apparel business.

Class IX : Voc(Retail) : Term I(Half Yearly) : Marks 15

I, Multiple choice questions (MCQ) 1X5=5

1. The purpose of retail business is to

- (a) go for partnership (b) make maximum promotion
(c) extend to other localities (d) selling goods to customer

2. Unorganised retail is mostly confined to

- (a) particular locality (b) different branches
(c) chain of stores (d) None of the above.

3. The independent retailer operates his business with

- (a) partners (b) professionals (c) few locals/ family members
(d) None of the above.

4. Industrial goods includes

- a) material and parts b) capital items c) supplies
d) All (a), (b) and (c)

5. The examples of Durable goods are

- a) furniture b) kitchenware c) consumer electronic appliances
d) All (a), (b) and (c)

II. Very short type answers (VSA) 1X6

6. What do you understand by the term 'Retail'?
7. What is super Market
8. What is franchising?
9. What are the types of consumer goods?
10. What is the need for storage?
11. What do you mean by e-shopping?

III. Short Answers (SA) 2X2

12. State the difference between organized and unorganised retail?

13. What are the essential requirements of a retailer?

Class IX : Voc(Retail- Pract.) : Term I(Half Yearly) : Marks 35

Marks Distribution:

1. Practical (Hands on skill) =20 Marks

2. Observation= 5 Marks

3. Viva= 5 Marks

4. Portfolio= 5Marks

Time: 2 hours

10X2=20

1 Make a group of 10 students and arrange a group discussion on the topic – “Store & non-store retailing”

Or

Make a group of 10 students and arrange a group discussion on the topic – “Classification of goods”

2. Ask students for their self-introduction with proper gesture & tone.

Class IX : Voc (Solanaceous Crop) : Term I (Half Yearly): -2021-2022: Marks 15

I. . Choose the correct answer

5x1

1. The Latin word olerus means _____.
(a) fruit (b) vegetable (c) flowers (d) root
2. The removal of succulent terminal shoots from a plant is called _____.
(a) bending (b) notching (c) pinching (d) bahar treatment
3. _____ is the branch of horticulture dealing with the study of the cultivation of vegetable crops.
(a) Olericulture (b) Floriculture (c) Pomology (d) Preservation
4. _____ is essential for different intra-cellular activities.
(a) Calcium (b) Phosphorus (c) Iron (d) Iodine
5. _____ nutrient is a reserved food material.
(a) Carbohydrates (b) Proteins (c) Fats (d) Vitamin

II. Answer the very short question

6 x 1

- 6.. What is Pomology?
7. What is Post harvest Technology?
- 8.. Write two example of succulent plant?
9. What are the elements of communication?
10. Give the dietary importance of vitamin A.
11. Which agencies in India are responsible for producing certified seeds?

III. Answer the short question.

2 x 2

12. What are the factors effecting seed germination?
13. What is the importance of Communication?

Class IX : Voc (Solanaceous Crop) : Term I (Annual): -2021-2022: Marks 15

I. Multiple choice type (MCQ) Questions: - 1x5

1. Dragon flies are-
a. Predator b. Prey c. Parasite d. None of these.
2. Type of tomato according to the harvesting time (Based on demand)-
a. 3 b. 6. c. 5 d. 10
3. Leaf eating caterpillar control by the application of-
a. Carbofuran b. Chlorpyrifos c. Thirum d. methyl demeton
4. For long term storage harvested vegetables and fruits are store in-
a. Cold storage b. Warehouse c. Gunny bags d. None of these.
5. How many sustainable development goals are given by the United Nations?
a. 18 b. 17 c. 15 d. 20

II. Very Short Answer type (VSA) Questions: - 1x6

6. What is SPAM?
7. What are the features a strong password ?
8. Define Non Climacteric Fruits?
9. Enlist three Physical method of maturity index?
10. Enlist four qualities of Entrepreneurs?
11. What is the name of chemical compound that inhibits the growth of a plant ?

III. Short Answer type (SA) type Questions: - 2x2

12. Differentiate between maturity and ripening?
13. What is a predator? Give an example.

Class IX : Voc (Solanaceous Crop-pract.) : Term I (Half Yearly): 2021-2022: Marks 35

Distribution of Marks:

1. Practical (Hand on Skill)- 20 Marks
2. Observation-----5 Marks
2. Viva -----5 Marks
3. Portfolio- -----5 Marks

Time: 2 h

10 x 2 = 20 Marks

1. Ensure appropriate water supply at various life stages of the crop as per each stage requirement. Or,
Enlist the different components of drip irrigation system.
2. Identify the types of weed in the vegetable crops

Syllabus : Class IX : Agri- Solanaceous Crop : Terms I & II:2021-22 : Marks 10+5

| Sl. No | Half Yearly Theory | Total Marks |
|---|---|--------------------|
| Unit 1: Introduction to Horticulture | <ul style="list-style-type: none"> • Define Horticulture • Importance of horticulture in daily life • Branches of horticulture • Different horticultural crops and their major growing regions in India • Horticultural operations viz. training, pruning and transplanting • Olericulture • Importance of vegetable in human diet | 5 |
| Unit 2: Seed Selection and Seedling Production | <ul style="list-style-type: none"> • Various characteristics of seed with their suitability to the location • Characteristics of healthy varieties • Demand of various varieties in the market • Preparing the site for seed bed • Soil sterilization – solarisation and chemical treatment • Seed treatment techniques with chemicals • Factors affecting seed germination – seed viability, seed pests and diseases, etc. • Factors to be considered while planting seeds on seed bed and polybags/ trays. • Advantages and disadvantages of soil nursery or tray method • Depth and spacing of planting seedlings in case of soil nursery & tray for Solanaceous crops | 5 |
| Sl no. | Annual Theory Part | Marks |
| Unit 3: Soil Preparation and Transplanting in Solanaceous Crops | <ul style="list-style-type: none"> • Importance of Soil testing • Various authorized centers of soil testing • Level of soil tillage including depth of ploughing and appropriate equipments for plugging • Distance between ridges and furrows • Requirement of farm yard manure and fertilizer in appropriate quantity • Appropriate time for planting by taking in to account of soil, climatic conditions • Planting equipments (shovel or trowel) • Spacing between rows and plants • Advantages and disadvantages of intercropping and types of plant to be intercropped • Advantages of crop rotation | 5 |

| | | |
|---|--|---|
| Unit 4: Harvest and Post Harvest Management in Solanaceous Crop | <ul style="list-style-type: none"> • Define harvesting indices • Differentiate between maturity and ripening • Differentiate between climacteric and non climacteric • Types of maturity indices (physical and chemical) • Harvesting the Solanaceous crop at right Stage • Methods of harvesting • Tools and container used for harvesting • Time of harvesting • Precaution taken during harvesting • Harvesting based on demand of type in the market (in case of tomatoes) • Ideal time of harvest (climatic conditions, distance from the market) • Proper harvesting methods • Grading of crop based on size, color and quality • Packaging of crop with appropriate material and method • Ideal storage condition (temperature, moisture, etc) • Market rates of the crop | 5 |
|---|--|---|

| Unit | Practical Topic Half Yearly | Marks |
|---|---|--------------|
| Unit 1: Introduction to Horticulture | <ul style="list-style-type: none"> • Enlist the major horticultural crops in India and your locality • Draw a diagram depicting the classification of horticultural crops • Demonstrate the availability of nutrients through vegetables using charts/pictures | 10 mark |
| Unit 2: Seed Selection and Seedling Production | <ul style="list-style-type: none"> • Identify various and appropriate variety (including hybrid) of Solanaceous crops • Identify various vendors / suppliers (including government nurseries /department) of the seed that are certified • Procure seeds in appropriate quantity • Identify market rates for Solanaceous crop seeds (such as tomato, capsicum,) • Estimating how much seed is required to grow a given number of area for each crop • Identify soil nursery or tray method for growing seedlings • Plant the seed at correct depth and appropriate spacing • Water the seedling at appropriate time with appropriate method | 10 mark |
| Unit | Annual Practical topics | Marks |
| Unit 3: Soil Preparation and Transplanting in | <ul style="list-style-type: none"> • Enlist the authorised soil testing centres in your state. • Prepare the land with ridges and furrows • Application of farm yard manure and fertilizers • Demonstration Transplanting of seedling at appropriate stage and spacing | 10 |

| | | |
|--|---|----|
| Solanaceous Crops | | |
| Unit 4: Harvest and Post Harvest Management in Solanaceous Crop | <ul style="list-style-type: none"> • Understand the basic macro & micro nutrients with their functions • Undertake testing of soil to determine its nutrient and fertilizer needs from authorized laboratory • Collect soil testing report • Visit to a Vegetable farm for applying manures and fertilizers as per the recommended dose to various vegetables | 10 |

Syllabus : Class IX : Agri- Solanaceous Crop : Terms I & II:2021-22 : Marks 5

Employability Skills

| <u>Half Yearly</u> Units | Topics | Marks |
|---|---|--------------|
| Unit 1: Communication skills. | Methods of communication, Communication cycle, Importance of feedback, Barriers, ways to overcome barriers, Types of communication, 7 Cs | 3 |
| Unit 2: Self-Management skills | Stress & Stress Management, Emotional intelligence, Self motivation, Goal setting, Time Management. | 2 |
| <u>Annual</u> Units | Topics | Marks |
| Unit 3: ICT skills. | Basic file operations, Basic tips for taking care of devices, Maintenance schedule, Back up, scanning, computer security intro, Threat to computer, protecting data, reasons for security | 2 |
| Unit 4: Entrepreneurship skills. | Functions of Entrepreneurs, Myths about Entrepreneurship, Entrepreneurship as a career option, self employment, Career process. | 2 |

Class IX : Voc (Electronics & HA) : Term I Half yearly) : 2021-22 : Marks 15

I. Multiple choice type (MCQ) Questions: 1x 5

- 1. Unit of electric current is**
a) Volt b) Watt c) Joule d) Ampere
- 2. In series circuit remains and voltage**
a) Divide, same b) Divide , divide c) Same , Same d) Same, divide
- 3. Frequency of alternating current is..... hertz in India.**
a) 45 b)50 c) 60 d) 55
- 4. Device which store energy in the form magnetic field**
a) Capacitor b) Inductor c) Resistors d) Diode
- 5. Which of the following meter is used to measure the insulation resistance?**
a) Megger meter b) Ammeter c) Multimeter d) Techometer

II. Very short answer (VSA) type Questions: 1 x 6

6. Which device is used for the measurement the voltage, current & resistance?
7. What are the different methods of communication?
8. What is the full form of LED.
9. What does GPS stand for?
10. What is diode?
11. Mention two qualities of a self-confident person.

III. Short Answer (SA) type Questions: 2 x 2

12. State Ohm's Law.
13. Write down three main parts of CPU.

Class IX : Voc (Electronics & HA) : Term I (Half yearly) : 2021-22 : Marks 15

I. Multiple choice type (MCQ) Questions: 1x 5

1 Unit of electric current is

- a) Volt b) Watt c) Joule d) Ampere

2. In series circuit remains and voltage

- a) Divide, same b) Divide , divide c) Same , Same d) Same, divide

3. Frequency of alternating current is..... hertz in India.

- a) 45 b)50 c) 60 d) 55

4. Device which store energy in the form magnetic field

- a) Capacitor b) Inductor c) Resistors d) Diode

5. Which of the following meter is used to measure the insulation resistance?

- a) Megger meter b) Ammeter c) Multimeter d) Techometer

II. Very short answer (VSA) type Questions: 1 x 6

6. Which device is used for the measurement the voltage, current & resistance?

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III. Short Answer (SA) type Questions: 2 x 2

12. State Ohm's Law.

13. Write down three main parts of CPU.

Class IX : Voc (Electronis & HA) : Term II (Annual) : 2021-22 : Marks 15

I. Multiple choice type (MCQ) Questions: 1x 5

1. Handle of the tool must be made up of material.
a) Semiconductor b) Insulator c) Conductor d) All of these
2. What is the range of TDS meter reading for drinking water?
a) 0- 150 ppmb) 300-500 ppm c) 0- 60 ppm d) 80-150ppm
3. Which of the following is type of impurity?
a) Minerals b) Salts c) Metal & ions d) All the above
4. PPM stands for
a) Parts per meter b) Parts per million c) Particle per million d) Parts per mile
5. Which of the following meter is used to measure the TDS level of water?
a) TDS meter b) Purifier meter c) Clamp Meter d) Multimeter
d) None of these

II. Very short answer (VSA) type Questions: 1 x 6

6. Which liquid is known as Universal solvent?
7. What is the pH value of water?
8. What is the full form of RO in case of water purifier?
9. What does conservation of energy mean?
10. What is the full form of TDS?
11. What is the aim of Entrepreneurship ?

II. Short Answer (SA) type Questions: 2 x 2

12. What are the factors that results in hazards?
 13. What are the five source of energy available to us?
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Class IX : Voc (Electronis & HA-Pract.) : Term I (Half Yearly) : 2021-22 : Marks 35

Answer the following question : 2 X 10 = 20

Q1. Find out the value of resistor using color band technique and Find the value of resistor using Multi Meter.

Q2. Draw parts of soldering rod. Write note on megger. (5+5=10)

Class IX : Voc (Electronis & HA-Pract.) : Term II (Annual) : 2021-22 : Marks 35

Answer the following question : 2 X 10 = 20

Q1. Step of use TDS meter. Find the TDS Value of drinking water and the water collected from local Pond (10)

Q2. Write down the installation process of RO Purifier. Draw the water flow process of RO Purifier.(10)

Syllabus : Class IX : Voc (Electronic & HA) : Term I (Half yearly) : 2021-22 : Marks 15

| Chapter | Reduced Content | Marks |
|--|---|--------------|
| Chapter-1 Electrical components and | INTRODUCTION, NEED FOR OVER CURRENT, PROTECTIVE DEVICES- Fuse Principle, identify parts of fuse, rating, Miniature circuit circuit breaker, Electric & magnetic field, Rule, Lenz's law, winding, single phase supply system , Motor and Its Working principle, Motor Types, RPM of motor, special motor-universalmotor | 3 |
| Chapter-2 Repair and Maintenance Mixer, Juicer, grinder | Identify faults in mixer, basis of symptoms, Replace module in mixture, juicer, functionality of repaired | 5 |

Syllabus for Employability Skill

| Chapter | Reduced Content for Electronics | Marks |
|--|---|--------------|
| Chapter-1 Communicationskills | Methods of communication, Communication cycle, Importance of feedback, Barriers, ways to overcome barriers. | 3 |
| Chapter 2 Self Management skills | Stress & Stress Management, Emotional intelligence, Selfmotivation, goal setting, Time Management. | 2 |

Syllabus : Class IX : Voc (Electronic & HA) : Term II (Annual) : 2021-22 : Marks 15

| Chapter | Reduced Content for Electronics | Marks |
|---|--|--------------|
| Chapter-3 Repair and Maintenance | Repair and Maintenance of Microwave oven- Identify faults in microwave oven on the basis of symptoms, Replaced functional module in microwave oven, on firm functionality of prepared microwave oven | 5 |

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| <p>Workplace Health & Safety</p> <p>measures:</p> | <p>Workplace Health & safety measures: Electricalhazard, Fireextinguisher, firstaidfor electrical emergency, Use of differentsafety Equipments</p> | <p>5</p> |
|---|--|-----------------|

Syllabus for Employability Skill

| Chapter | Reduced Content | Marks |
|---|--|-------|
| Chapter-3: ICT skills | Basic file operations, Basic tips for taking care of devices, Maintenance schedule, Back up, scanning, computer security intro, Threat to computer, protecting data. | 2 |
| Chapter-4 Entrepreial skills | Functions of Entrepreneurs, Myths about Entrepreneurship, Entrepreneurship as a career option, self-employment, Career process. | 2 |
| Chapter-5 Green skills | Problems related to Sustainable development, Sustainable development goals, sustainable development initiatives, sustainable processes, our role in sustainable development. | 1 |

Class IX : Voc (IT-ITES): Term I (Half Yearly) : 2021-22 : Marks 15

I. Multiple choice type (MCQ) Questio:-

1x5

1. BPM stands for _____

- a. Business Process Manager b. Business Process Management c. Business Protocol Management
d. None of the above

2. Typing speed of Anil is 45 WPM. Full form of WPM is _____

- a. Words parts Minute b. Words per Minute c. Words per Master d. None of the above

3. To open an already existing file press _____ from keyboard.

- a. Ctrl + N b. Ctrl + O c. Ctrl + A d. None of the above

4. Grooming is a term associated with

- a. Time management b. Problem solving c. Neat and clean appearance d. Self-management

5. You say 'Good Evening' when it is _____.

- a. 11 am b. 9 am c. 2 pm d. 7 pm

II. Very Short Answer type (VSA) Questions:-

1x6

6. What is Computer?
7. What is communication Skill?
8. Which short cut key are used for copy and Redo?
9. Write the full form of ITeS?
10. Which two documents are essential for mail marge?
11. How will you count the total words of a documents?

III. Short Answer type (SA) type Questions:-

2x2

12. Write down the seven factors affecting perspectives in communication?
13. What are the various menu of writer GUI ?

Class IX : Voc (IT-ITES): Term II (Annual) : 2022 : Marks 15

I. Multiple choice type (MCQ) Questions:-

1x5

1. How can we conserve our health and environment?

- a. Grow organic crops b. Use natural fertilizers c. Manage waste water d. Use more air conditioning

2. What is the aim of entrepreneurship?

- a. Earn a profit b. Solve customers' need innovatively c. Both of the above d. None of the above

3. Which view is generally used for creating, formatting and designing slides?

- a. Normal view b. Outline view c. Notes d. Slide Sorter view

4. Which of the following is not a part of main Impress window?

- a. Slides pane b. Workspace c. Work pane d. Task pane

5. Which of the following options when selected deletes all data validation?

- a. Delete formatting b. Delete all c. Delete formula d. Delete me

II. Very Short Answer type (VSA) Questions:-

1x6

6. What is Green Skill?
7. . Write the use of internet?
8.. What is the meaning of manufacturing based business?
9. . Write the two advantages of using presentation?
10. Name any two spreadsheet software?

11. Spreadsheet is used for:

III. Short Answer type (SA) type Questions:-

2x2

- 12 .What is any default name of work sheet? How can it be rename?
13.. Describe the function of a mouse?

Blue Print of Question : Class IX Social Science (Economics)
Marks Distribution : 2021-2022
Half-yearly Examination-10

| Unit | Chapter/Contents | MCQ (1 MARK) | VSA 1 MARK) | SA (2 MARKS) | TOTAL MARKS |
|------|-----------------------|-----------------|----------------|-----------------|----------------|
| 1 | পালামপুর গ্রামের গল্প | 1 X 2= 02 | 1 X 3= 03 | - | 05 |
| 2 | সম্পদ হিসাবে মানুষ | 1 X 1= 01 | 1 x 2=02 | 2 X 1= 02 | 05 |
| | | 03 | 05 | 02 | 10 |

Blue Print of Question : Class IX Social Science (Economics)
Marks Distribution : 2021-2022
Annual Examination-10

| Unit | Chapter/Contents | MCQ (1 MARK) | VSA 1 MARK) | SA (2 MARKS) | TOTAL MARKS |
|------|---------------------|-----------------|----------------|-----------------|----------------|
| 3 | দারিদ্য একটি সমস্যা | 1 X 3= 03 | 1 X5=05 | 2 X 1=02 | 10 |
| | | 03 | 05 | 02 | 10 |