

KENDRIYA VIDYALAYA SANGHATAN, MUMBAI REGION
HALF YEARLY EXAMINATION (TERM 1) :2025-26
CLASS VIII
SUBJAECT VOCATIONAL EDUCATION
Sample Paper

Maximum Marks:60

Time : 2:30 Hr.

General Instructions :

All questions are compulsory.

1. **Bridge course** is compulsory for everyone.
2. Attempt questions from **(Either Project-1 or Project-2)** and **(Either Project-3 or Project-4)**
3. **Section A carries 1 Marks each. (20*1=20 marks)**
4. **Section B carries 5 Marks each. (6*5=30 marks)**
5. **Section C carries 5 Marks each.(2*5=10 marks)**

SECTION A (20*1=20)

Bridge Course

Q1. Draw the symbol of following electrical Components.

1. Diode
2. Cell
3. Battery
4. Earthing
5. On Switch
6. Off Switch
7. Electric Bulb
8. LED
9. Capacitor
10. Resistance

Q2. Write the full form of any five electrical terms.

1. PVC
2. LCD
3. PCB
4. NFT
5. DWC

Q3. Write any two names and their uses of following tools.

1. Cleaning equipment
2. Carpentry Tools

3. Electrical Tools
4. Plumbing Tools
5. Gardening Tools

SECTION B (5*6=30)

Project-1(Hydroponics: Growing Plants without Soil)

- Q4. What is hydroponic systems? Write their advantages and disadvantages?
- Q5. How to prepare organic liquid manure for hydroponics?
- Q6. Define NFT method of hydroponics?
- Q7. What materials are needed for hydroponics?
- Q8. Which plants can be grown using hydroponics?
- Q9. How does hydroponics save water?

OR

Project-2(Feeding and Caring for Farm Animals)

- Q4. Why is proper feeding important for farm animals?
- Q5. What are the types of food given to farm animals?
- Q6. How should farm animals be cared for daily?
- Q7. Why is vaccination important for farm animals?
- Q8. What precautions should be taken while feeding animals?
- Q9. Write the name of five pet animals?

SECTION-C (Do any two: 2*5=10)

Project-3(Working with Wood and Bamboo)

- Q10. What are the common uses of wood in daily life?
- Q11. Why is bamboo considered an eco-friendly material?
- Q12. What are the advantages of using bamboo for making products?

OR

Project-4(Home Automation)

- Q10. What devices are commonly used in home automation?
- Q11. How does home automation help in saving energy?
- Q12. What precautions should be taken while using home automation?