DAY — **16** SEAT NUMBER | | | | | | |

2025	III	04	1500	**J-379**	(E)

FIELD TECHNICIAN - OTHER HOME APPLIANCES (F6)

(REVISED COURSE)

Time : 3 Hrs. **(6 Pages)** **Max. Marks : 80**

Note : *(1) All questions are compulsory.*

(2) Draw neat and well labelled diagrams wherever necessary.

(3) Figures given on the right side are full marks.

(4) Write answers to all questions on new pages.

Q. 1. **(A)** Select the correct alternatives and rewrite the sentences : (5) **[20]**

(1) In mixer _____ is used for mixer protection.

(a) motor (b) overload switch

(c) shaft (d) jar

(2) To save slide in presentation _____ key is used.

(a) Ctrl + S (b) Ctrl + V

(c) Ctrl + C (d) Ctrl + P

(3) What we want, how to achieve it. _____ helps us to understand.

(a) Motivation (b) Positive attitude

(c) Goal setting (d) None of the above

(4) _____ is used to crush and cut the fruits and vegtables.

(a) An iron (b) A mixer

(c) A grinder (d) A juicer

(5) In microwave oven _____ is used for overcurrent protection.

(a) circuit breaker (b) fuse

(c) relay (d) none of the above

(B) Match the following pairs correctly : (5)

	Group 'A'		Group 'B'
(a)	Source of microwaves	(1)	ABS plastic
(b)	Defective insulation	(2)	Managing e-waste
(c)	Organisational skill	(3)	Magnetron
(d)	Mixer base unit	(4)	Electric hazard
(e)	Minimize pollution	(5)	Time management

(C) State whether the following statements are true or false: (5)

(1) Microsoft Excel is used to create document.

(2) A microwave has low heat carrying property.

(3) In citrus juicer mechanical force is applied to extract juice from fruits or vegetables.

(4) Strainer separates the solid matter from a liquid.

(5) A defective motor leads to an excessive vibration in the mixer.

(D) Answer the following questions only in 'One' sentence : (5)

(1) Write any two components of a spreadsheet.

(2) For cooking, where is the food placed in the microwave oven?

(3) Which blade is used to make powder?

(4) Which juicer is operated manually?

(5) Why slip proof fit is used?

Q. 2. Answer the following questions in short (Any FOUR) : [12]

(1) Write the functions of Overload Protector (OLP).

(2) Select the suitable types of fire extinguishers :

Sr.No.	Class	Water (CO_2)	Dry powder	Foam
(1)	A	_____	_____	_____
(2)	B	_____	_____	_____
(3)	C	_____	_____	_____

(3) Write a note on : Centrifugal Juicer.

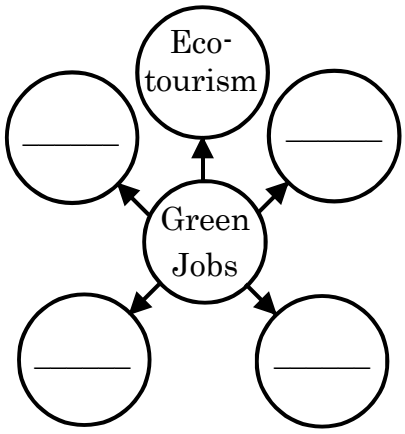
(4) Why listening attentively is important?

(5) Write the characteristics of entrepreneurship.

(6) List the parts of microwave oven which operate on high voltage and current.

Q. 3. Answer the following questions in short (Any FOUR) : [12]

(1) Complete the following action :



(2) Write functions of jar, also explain its types.

(3) Write a note on : Solo microwave oven.

(4) Write functions of the following parts :

(a) Juicing screw

(b) Pulp cup

(c) Plunger

(5) List the first aid kit box items.

(6) Write ways that can help one maintain a positive attitude.

Q. 4. Answer the following questions in detail (Any THREE) : [12]

(1) List the internal parts of microwave oven.

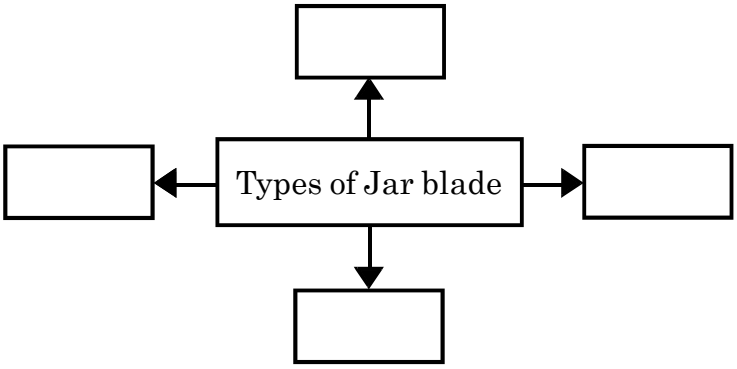
(2) Give solution for the problems in juicer :
'Base unit fails to start'

(3) Complete the following sentences :

Sr.No.	Sentence	Subject	Verb	Object
(1)	I am writing a letter	_____	____	_____
(2)	He called the customer	_____	____	_____

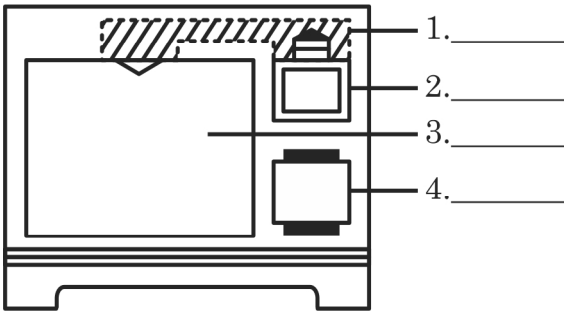
(4) Draw a block diagram of microwave oven operation.

(5) Complete the following action :



Q. 5. Answer the following questions in detail (Any THREE) : [12]

(1) Give the proper names in the following diagram :



(2) What are the precautions to be taken while working on electricity?

(3) Complete the following table :

Sr.No.	Shortcut key	Used for
(1)	Ctrl + C	_____
(2)	Ctrl + P	_____
(3)	Ctrl + V	_____
(4)	Ctrl + S	_____

(4) Write down the steps for test of fuse in mixer.

(5) How do you take care of juicer after using it?

Q. 6. (A) Answer the following questions in detail (Any One) : (6) **[12]**

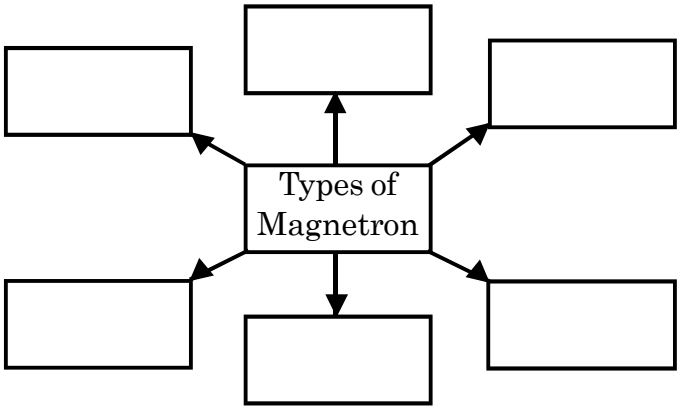
(1) Give reasons for the following possible faults in mixer :

(a) Mixer does not start

(b) Low motor speed

(c) Motor heats quickly and makes noise

(2) Complete the following action :



(B) Answer the following questions in detail (Any One) : (6)

(1) Write down the safety precautions to avoid fire due to electrical short circuit.

(2) List safety measures before using juicer.

◆◆◆