

**PM SHRI KENDRIYA VIDYALAYA DHARMAPURI**

**HOLIDAY HOMEWORK-(2025-26)**

**SUBJECT –COMPUTER SCEINCE [AI]**

**CLASS-IX**

**Activity 1 DREAM SMART HOME IDEA**

**P A R T B**

**You must be knowing what a smart home means. Well, it is a home with smart devices using a specialised technology called IoT (Internet of Things). A smart device (called a thing in this context) is an electronic device that is able to connect, share and interact with its user and other smart devices and IoT is a technology that forms a network of smart devices (things).**

**Let us play a game where you will design a dream smart home for you. Make groups of 4 students and discuss what should be your answer for the below given questions.**

**(1) List the most important things, which you need to connect with these devices.**

**(You may refer to: [https://www.youtube.com/watch?v=jyMC\\_HAIzpg](https://www.youtube.com/watch?v=jyMC_HAIzpg) @0.33seconds)**

**(ii) Now think of the functionality you would want for your home.**

**(You may refer to the following videos to check for various technologies and functionalities available today:**

**<https://www.youtube.com/watch?v=9u9kqhHC6Ok>**

**[https://www.youtube.com/watch?v=F-mEA5RN\\_yo](https://www.youtube.com/watch?v=F-mEA5RN_yo)**

**(a)**

**(b)**

**(c)**

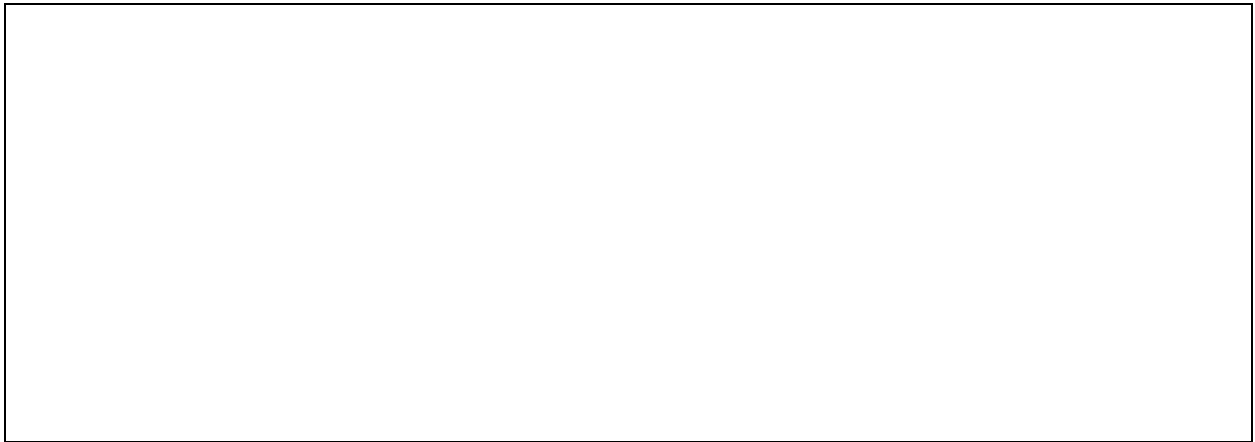
**(iii) Pick the devices you want for your dream smart home .**

**(d)**

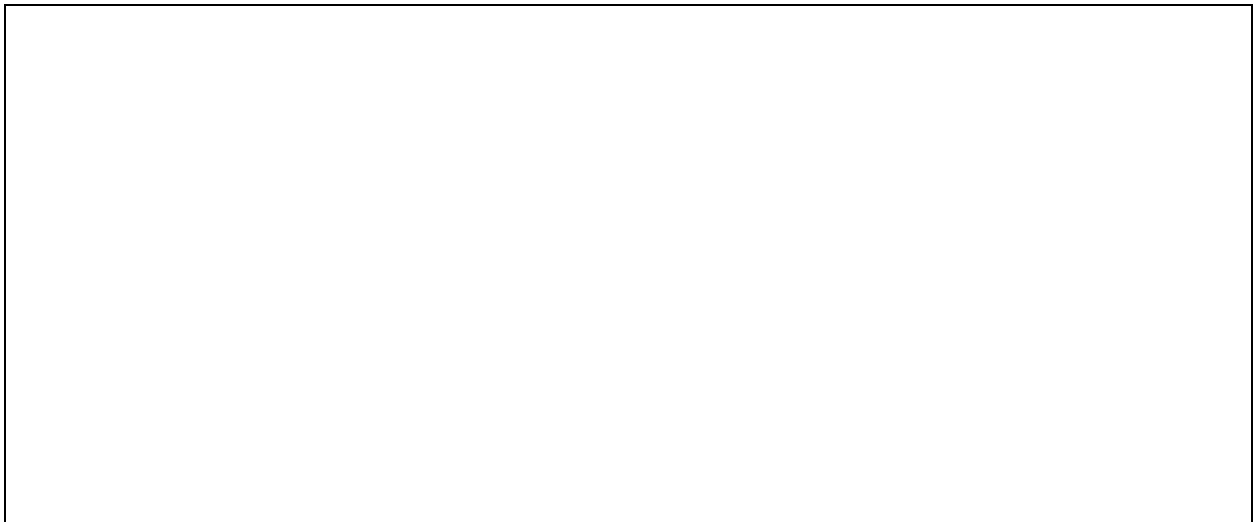
**(e)**

**(f)**

**(iv) Pick the appropriate position for these in your dream smart home.**



**(v) Draw a layout of your dream smart home with all your selected devices.**





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**CLASS-X**

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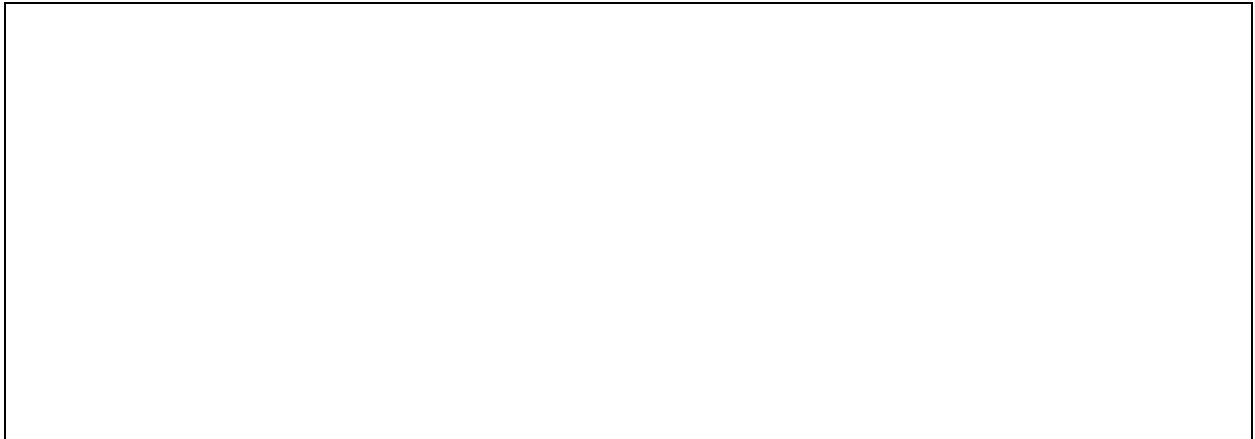
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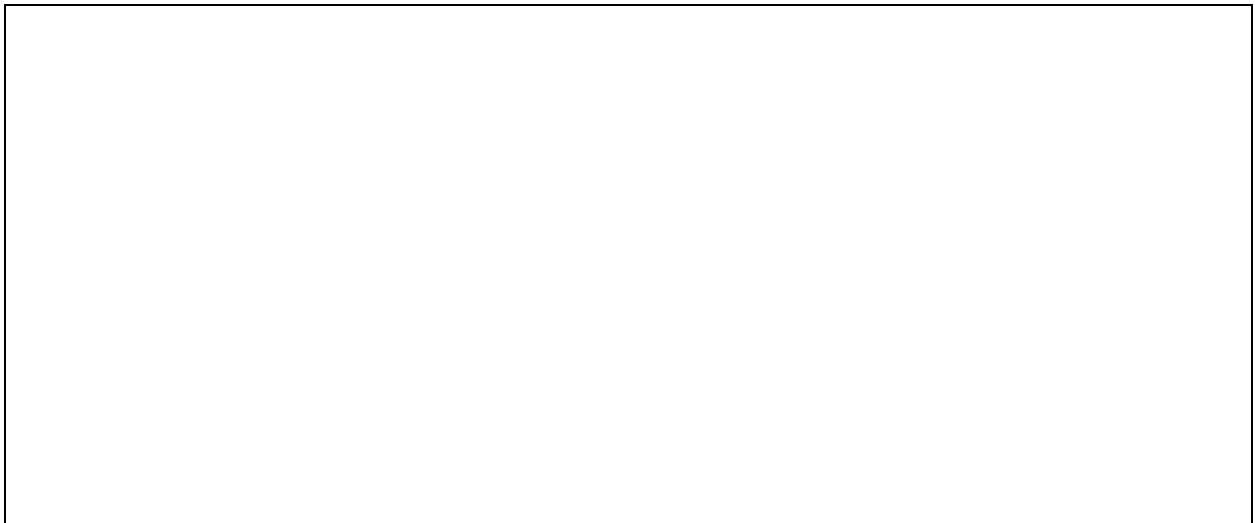
(e)

(f)

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### **CHART WORK**

**I. Draw an Application of AI give the explanation**

**II. Draw an intelligence project cycle**

