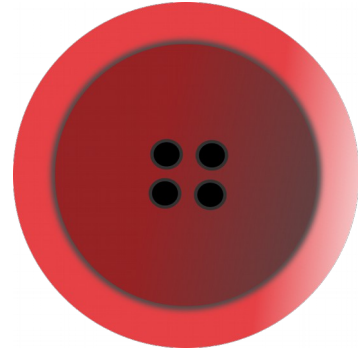


Information Technology  
**Sample Questions - Practical**  
Std 10 : English Medium

1. Prepare the given picture in Inkscape. Save the file in the folder Exam10 in Home with your Register Number\_Question Number as file name.

Hint:

- Add Linear gradient to the circles.



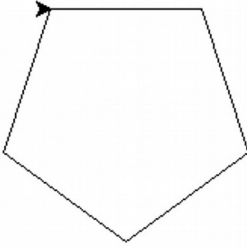
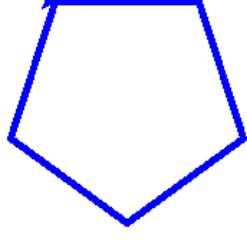
2. The Local Resource Map, **localbody\_map.qgs** prepared by the panchayat is given in the folder Home/Exam\_documents/QGIS\_Map. Open **Panchayath\_map.qgs** with the software **QGIS** and do the following.
- Create a **new Layer** with the name ' Paddy Fields ' and *Attributes Area, Place* and **Owner** to mark the paddy fields of the locality. (layer type- Polygon )
  - Mark a paddy field using the tools **Toggle Editing** and **Add Feature** in the map.
  - Take a screen shot of this map and save the screen shot in the folder Exam10 in Home with your Register Number\_Question Number as file name.(Press Print Screen key on the keyboard to get the screen shot.)
3. Open the software 'Sunclock' and do the following.
- Set the date and time to 2017 June 3 , 9.30am.
  - Display Sun and Moon.
  - Take a screen shot of this and save the screen shot in the folder Exam10 in Home with your Register Number\_Question Number as file name.(Press Print Screen key on the keyboard to get the screen shot.)

4. Open the file named styles.ott from the folder Exam\_documents in Home.
  - Create a new style with following attributes for headings.

Font Size	- 16 Pt
Font colour	- green
Font family	- Rachana
  - Apply this style to all the headings.
  - Save the file in the folder Exam10 in Home with your Register Number\_Question Number as file name.
  
5. A model of an ID card is given in the folder Exam\_documents in Home with the name id\_card.odt. The file students.ods in the same folder contains the details of students.
  - Open the file id\_card.odt.
  - Prepare ID cards for all the students using the technique Mail Merge.
  - Save the ID cards in the folder Exam10 in Home with your Register Number\_Question Number as file name.
  
6. Open the file kerala.ott from the folder Exam\_documents in Home.
  - Apply the style Heading 1 to all the headings.
  - Prepare the Index Table for the document.
  - Save the file in the folder Exam10 in Home with your Register Number\_Question Number as file name.

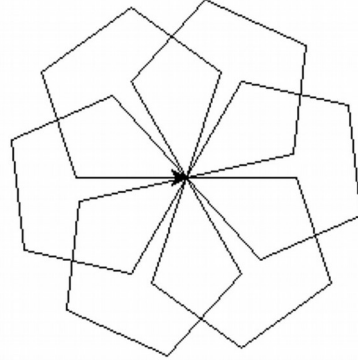
7. The given Python Program is to create a Regular Pentagon (Output 1).

- Prepare the program and Run it.
- Insert the lines `pensize(5)` and `color("blue")` in suitable places so as to get the Output 2
- Save the program in the folder Exam10 in Home with your Register Number\_Question Number as file name.

Program	Output 1	Output 2
<pre>from turtle import* for n in range(5):     forward(100)     right(72)</pre>		

8. A Python Program and its output are given (Output 1).

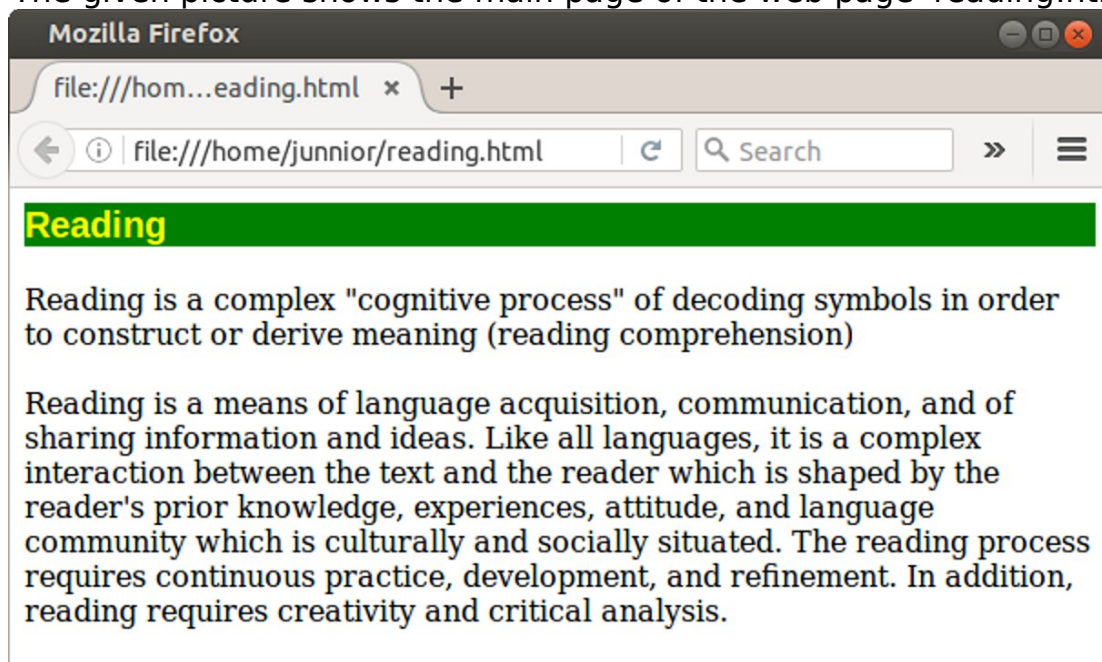
- Prepare the program and Run it.
- Insert the line `pensize(5)` in suitable place so as to make the lines thick.
- Save the program in the folder Exam10 in Home with your Register Number\_Question Number as file name.

Program	Output
<pre>from turtle import* for i in range(6):     right(60)     for i in range(5):         forward(70)         right(72)</pre>	

9. Prepare a Database to include the details of books in the School Library. The given table contains the details about some books in school library.

Book_No	Name	Author	Price	Category
101	Randamoozham	M T Vasudevan Nair	250	Novel
102	Khasakkinte Itihasam	O V Vijayan	150	Novel
103	Indulekha	O Chandumenon	90	Novel
104	Chemmeen	Thakazhi Sivasankara Pillai	210	Novel

- Create a data base in LibreOffice Base and save it in the folder Exam10 in Home with your Register Number\_ Question Number as file name.
  - Create a table in the Database with the name Book\_details and Book\_No as Primary Key.
  - Create a Form and insert the details about the first book in it.
10. The given picture shows the main page of the web page 'reading.html'.



Open this file from the folder Exam\_documents in Home in a Browser. Then Open the same file with Text Editor and make the following changes in CSS codes.

- Colour the heading of the web page Blue.
- Colour the Background of the heading yellow.

Save the file using the option Save As in the folder Exam10 in Home with your Register Number\_ Question Number as file name.

11. Open the file `butterfly_fly.sifz` from the folder `Exam_documents` in Home with the software `SynfigStudio` and do the following.
- Save the file using the option `Save As` in the folder `Exam10` in Home with your `Register Number_Question Number` as file name.
  - Insert the picture `butterfly.png` from the folder `Images10` in Home.
  - Prepare the animation of the flying butterfly.
  - Export it in `.flv` format and save the video in the folder `Exam10` in Home with your `Register Number_Question Number` as file name.

