

POLICE DAV PUBLIC SCHOOL
SUMMER HOLIDAYS HOMEWORK, 2024
CLASS XI

SEQUENCE OF SUBJECTS

- ✚ MUSIC VOCAL
- ✚ KATHAK DANCE
- ✚ IP 065
- ✚ IT 802
- ✚ BEAUTY AND WELLNESS (807)
- ✚ PHYSICAL EDUCATION (048)
- ✚ YOGA (841)
- ✚ PAINTING (049)
- ✚ PSYCHOLOGY

MUSIC VOCAL

- *Theory
- *Short questions
Nada , Shruti , Swara, Jaati
- *Brief History of the following
Khayal, Tarana
- *Life sketch
Miyani Tansen
Pt. Vishnu Digambar Pluskar
- *Definition and Notation of Raga Bihag
- *Definition and Notation of Taals with Ekgun, Dugun
Ektaal, Teentaal

KATHAK DANCE

All the student to prepare the project file on the following topics

1. Teen Tala - Introduction & Layakaries
2. Tatkar in Teen Tala with Laya karies
3. Thaata
4. Aamad
5. Tukra
6. Tora- 3
7. Chakardar Toda
8. Paran
9. Tehai
10. Kavitt

IP 065

Assignment (For Practical File)

1. Which of the following Identifiers names are invalid and why?

Identifier	Valid / Invalid	Reason
Serial no.		
1st_Room, Hundreds		
Total Marks		
Total_Marks		
Total-marks		
True		

2. Find the output of the given code

<pre>a. x=2 y=3 x+=y print(x,y) Output:</pre>	<pre>b. x=8 y=2 x+=y y-=x print(x,y) Output:</pre>
<pre>c. a=5 b=10 a+=a+b print (a,b) Output:</pre>	<pre>d. p=10 q=20 p*=q//3 q+=p+q**2 Output:</pre>
<pre>e. p=5/2 q=p*4 r=p+q p+=p+q+r r+=p+q+r q-=p+q*r print(p,q,r) Output:</pre>	<pre>f. p=2/5 q=p*4 r=p*q p+=p+q//r r*=p-q q+=p+q print(p,q,r) Output:</pre>

3. Write the python code to convert the time given in minutes into hours and minutes.
4. Identify the type of error that will be produced when you type:
`Result = "Python" + 10`
5. Write a Python program that accepts cost price and quantity of an item from the user. Calculate and display the total price.
6. The following code is not giving the desired output. We want to input the value as 15 and obtain output as 30. Could you pinpoint the problem?
`num=input("Enter Number: ")`
`result=num * 2`
`print(result)`

7. India sells is an India based that deals with the export and sale of various goods within the country and across the globe. To do business analysis of the day to day transactions, they have hired a programmer to develop a computerized system for the same. Write a python code that accepts cost of goods sold (cogs), revenue generated, operating costs (oc) and prints gross profit, net profit and net profit percentage.

[Net profit = Revenue – cogs – oc]

8. Convert the following into bytes:

a. 2 MB b. 3.7 GB c. 1.2 TB d. 7 KB e. 1.5 ZB

9. Create a A4 size chart to show the classification of Computer Memory.

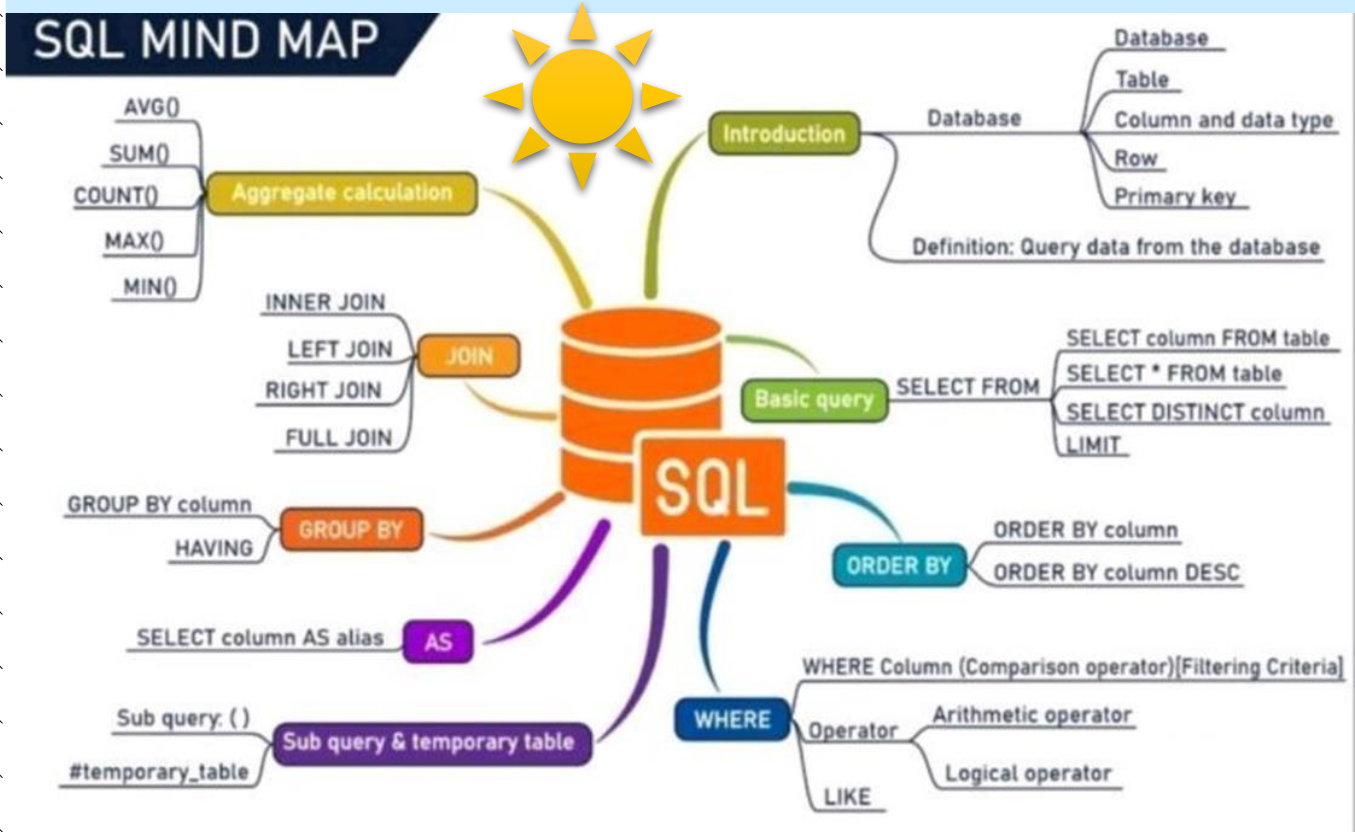
10. If Government plans to make a smart school by applying IoT concepts, how can each of the following be implemented in order to transform a school into IoT enabled smart school?

- a. e-textbooks
- b. Smart boards
- c. Online tests
- d. Wifi sensors on classrooms doors
- e. Sensors in buses to monitor their location
- f. Wearables (watches or smart belts) for attendance monitoring

IT 802

Q1. Identify a hardware and software problem that you have faced. Also mention the trouble shooting steps that you will follow to solve the same.

Q2. Draw SQL Mind Map on A4 Sheet.



Q3. Write an article on Cyber Crime. (Refer to Pg. 55 & 56)

Q4. Make a time table for holidays in OpenOffice Calc and take printout.

Q5. Prepare on any topic of your choice following the 3 Ps of Public Speaking and present it in class after the vacations.

3Ps of Public Speaking	
Prepare	Think about your topic Think about what your listeners need to know about the topic Think about the best way to make your listeners understand your topic Write what you plan to say
Practice	Practice by yourself first. Talk in front of a mirror Talk in front of your family and friends and ask them what they think Speak clearly, loudly and at the right speed (not very fast nor very slow)
Perform	Take a few deep breaths if you are feeling nervous Think about what you have prepared and start speaking confidently



Q6. Activity- Preparing the interests and abilities worksheet.

1. Each student has to complete two worksheets, each containing a list of statements. First worksheet is for interests and the second is for abilities.

2. Each student has to be real and honest when marking the statements in the two worksheets as it is for their own understanding of themselves. If they are not real and honest, they will get incorrect results about their own interests and abilities.

3. Based on your interests, think of a career you would like to have. Now see if you have the ability to follow this career. This will help you identify what career is best for you. (Refer to Pages 73 to 76 of Employability Skills book.)

Q7. Activity: Crazy Ideas

Come up with 'crazy' business ideas, which no one has ever thought of or heard of before. For example, 'Special designer socks for Rs. 5000/-' or, 'Books that read to you'. Note down the idea and present it to class after vacation. Prepare a pitch for the same and it will be presented in *SHARKTANK Police DAV*. (Refer to Pg. 160 Employability Skills book)

Q8. Suppose you are the next Prime Minister of India. What green projects will you implement to promote Green Economy. (Refer to Pg. 187 Employability Skills book)

Q9. Convert the following into bytes:

- a. 2 MB b. 3.7 GB c. 1.2 TB d. 7 KB e. 1.5 ZB

BEAUTY AND WELLNESS (807)

PROJECT WORK: PROJECT WORK:

As part of your holiday homework and internal assessment, you are required to prepare a project file. This project aims to keep you engaged with your studies while allowing you to explore new topics creatively and independently. The project file must cover all the topics mentioned below:

- Career opportunities in The Beauty And Wellness sectors
- Beauty Therapy Services
- Parlour Hygiene
- Structure of Nail
- Manicure
- Pedicure
- Types of Hair
- Structure of Hair
- Waxing
- Threading

INSTRUCTIONS:

- Use only A3 size sheets
- Minimum 15 pages for project file including title page, acknowledgement, certificate as well as index
- It should be creative and presentable

Internal assessment is totally based on this project file.

Last date of submission is July 1, 2024.

PHYSICAL EDUCATION (048)

*Make 2 projects

1 make a project on the topic of Unit -3 Yoga , in which students have to make a file on 5 asanas of your choice related to the chapter and write their procedure, benefits, contraindication and draw the asanas(make sure your file is decorated, file front page, acknowledgement page, index page, certificate)

Project 2-make a project file on any game of your choice and add the game's history, terminology and rule and regulations, ground measurements should be drawn. Make sure your file is 10-15 pages.

You will be graded on behalf of these projects.

YOGA (841)

Project File

1. Sukshmvayayama (Any 15 Asanas)
2. SuryaNamaskar (12 Steps)

Make sure your file is decorated, file front page, acknowledgement page, index page, certificate.

Painting (049)

Make 8 sheets of still life on A3 size sheet with pencil shading.

Psychology

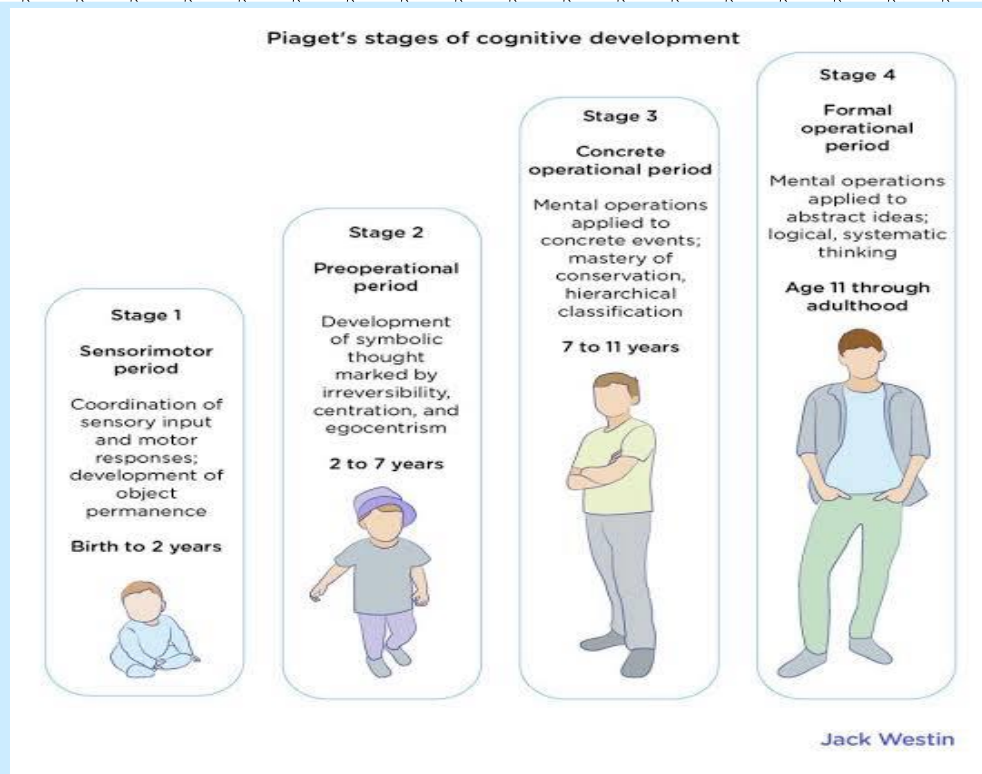
Chapter: HUMAN DEVELOPMENT

PROJECT WORK: Interview your parents to enquire about the developmental milestones you achieved with age and all the changes that occurred during this process of development.

Types of changes to be recorded are:-

- **Physical changes** (motor development, sensory development, Gross motor skills, Fine motor skills, physical growth, puberty)
- **Cognitive changes** (as per Piaget's theory of cognitive development; elaborate how you passed through each stage of Jean Piaget, mention all the similarities as well as differences, if any)

Piaget's stages of cognitive development



- **Socio- emotional changes** (Emotional regulation, self-concept and identity formation, attachment and relationships, social understanding, moral development, peer interaction, Egocentrism)

INSTRUCTIONS:

Paste your own pictures of each developmental period elaborating all the changes that occurred over time. Use scrap book to complete the project. Try to be as creative as possible.

1. Prepare 10 Case study based questions and 20 Assertion Reason questions from chapter 1 and 2 and write in your psychology notebook.

