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SR. SEC. SCHOOL



Message from School:-We at APS SR. SEC. SCHOOL have planned certain assignments/projects and revision work for you to utilize this time in the most constructive way. We have prepared holiday homework for you all on the principles of learning by doing for your holistic development.

- Appreciate Nature - Go for long walks in a park or garden with your family and friends.
- Good manners are the key - Respect your parents, grandparents and all elders. Use three magical words (Sorry, Please and Thank you).
- Stay Fit, Stay Healthy - Play your favorite game / sport regularly.
- Learn about our Heritage - Find some time to visit museums and monuments. Read about them.
- Save Nature - Contribute to save our precious environment. Minimize the wastage of resources like water, fuel and electricity

Must Do:

- i) Eat healthy food and drink lots of water & juices.
- ii) Watch less T.V and stay away from mobile.
- iii) Revise the previous (done) work.
- iv) Practice reading and writing daily. (English and Hindi)
- v) Help your parents in day-to-day chore (watering plants, organizing rooms and Cupboards)

SUMMER HOLIDAYS HOMEWORK

SESSION - 2026-2027

CLASS - 12th Medical

English

Short Story

1. Write a short story on a theme of your choice (e.g., love, friendship, sacrifice).
2. Experiment with different narrative styles and techniques.

Poetry

1. Write a collection of poems on a specific theme (e.g., nature, emotions, social issues).
2. Explore different poetic forms (e.g., sonnet, free verse).

Essay Writing

1. Write essays on topics like social issues, philosophical questions, or current events.
2. Develop arguments and support them with evidence

Scriptwriting

1. Write a short script for a scene or a short film.
2. Include dialogue, stage directions, and character descriptions.

Creative Projects

1. Blogging: Start a blog on a topic you're passionate about.
2. Character Sketch: Write a detailed character sketch of a fictional character.
3. Dialogue Writing: Write dialogues for a conversation between two characters
4. Assignment of Poem and and Lesson Flamingo

FLAMINGO-POETRY SECTION

MY MOTHER AT SIXTY SIX

Short answer type questions (2marks each)

Why are the young trees described as 'sprinting '?

Why did Kamala Das add the image of merry children to her poem?

What were Kamala Das fears as a child ? Why do they surface when is going to airport ?

Why has the mother been compared to the late winter's moon ?

How did Kamala Das's mother look during the drive to Cochin?

What do the parting words of Kamala Das and her smile signify?

KEEPING QUIET

Short answer type questions (2 marks each)

What is the sadness that the poet Pablo Neruda refers to in the poem?

What is the exotic moment the poet Pablo Neruda wishes for?

How does stopping for a second help us ,acc. to the poet,Pabloneruda?

Which images in the poem 'Keeping quiet' show that the poet condemns violence?

Which symbol from nature does the poet invoke that there can be life under apparent stillness?

How can 'mighty dead ' be thing of beauty?

FLAMINGO

THE LAST LESSON

Short answer type questions(2marks each)

What was tempting for franz to keep away from school that morning?What was franz expected to be prepared with for the school that day?

Why had the bulletin board become a centre of attention during last two years ?What had been put on the bulletin board?

What was unusual about Mr. Hamel's dress &behaviour on day of his last french lesson?What change was there in Franz's attitude towards Mr. Hamel?

" What a thunderclap these words were to me!"-what were the words that shocked & surprised Franz?

Franz thinks , "Will they make them sing in German , even the pigeons ?" What does this tell us about the attitud of frenchmen?

Long answer type questions (5-6 marks each)

Everybody during the last lesson is filled with regret . Comment.

How did M Hamel say farewell to his students & the people of town ?What made M. Hamel cry towards end of his last lesson?

Our language is part of our culture & we are proud of it. Describe how regretful M. Hamel & village elders are for having neglected their native language, French.

THE LOST SPRING

Short answer type questions (2marks each)

What does the title 'Lost Spring ' convey ?

Who is Mukesh ? What is his dream ? How is Mukesh 's attitude towards life different from that of his family ?

Why can't bangle makers of Firozabad organise themselves into a cooperative ?

Garbage has two different meanings - one for the children and another for adults . Cooment.

Is Saheb happy working at tea stall ? Why or Why not?

'It is a tradition to stay bare foot ' What is attitude of ragpickers of Seemapuri towards wearig shoes?

Describe the irony in saheb's name.

Long answer type questions (5-6 marks each)

The bangle makers o Firozabad make beautiful bangles and make everyone happy bu they live and die in squalor . Elaborate.

'Lost Spring ' explains the grinding poverty and traditions that condemns thousands of people to a life of abject poverty . Do you agree?

Give a brief account of life and activities of people like saheb-e-alam settled in Seemapuri.

THE DEEP WATER

Short answer type questions (2marks each)

Why did William Douglas develop aversion to water when he was hree or four years old ?

Which factors led Douglas to decide in favour of YMCA pool and not yakima river to learn swimming?

What shocking experience did Douglas have at YMCA pool?

Why did Douglas fail you come to surface of pool as he hoped to?

Why was Douglas keen to overcome his fear of water ?

How did the instructor turn Douglas into a swimmer ?

How did Douglas make sure that he conquered the old terror?

Long answer type questions (5-6 marks each)

We always admire those as heroes who face challenges bravely in different phase of life and emerge successfully. Elaborate on this statement with reference to William Douglas .

With the help of one can achieve a lot . How did Douglas overcome his fear of water ?

'All we have to fear is fear itself ' describe douglas's experience which led to making of this statement.

Physics

Revision Work :

1. Electric charge and field
2. Electrostatic potential and capacitance
3. Current electricity

Written + Practice Work :

Solve all Module questions, NCERT Exercise + NCERT Exemplar questions of Chapters :

1. Electric Charges and field
2. Electrostatic Potential and Capacitance
3. Current Electricity.

Formula Sheet :

Write all the formulas that we have learnt in three chapters (In a separate special small notebook).

Project Work :

Prepare a handwritten report (2–3 pages) on "Applications of Electrostatics in Daily Life". Include:

Use in photocopiers

Electrostatic precipitator

Painting and spraying

Safety precautions against static electricity

Use pictures/diagrams for better presentation. Submit in a file.

Chemistry

Chapter 1 - solution

Chapter 2- Electrochemistry

Chapter 3- Chemical kinetic

Chapter 4- d & f-block elements

1. Solve all NCERT exercise questions and NCERT Exemplar questions related to these chapter in separate notebook
2. Solve all questions from the module related to these chapters.
3. Solve the previous five years CBSE Board Examination questions from these chapters.

Biology

1. Diagram Practice (Draw & Label Neatly)

Draw and label the following diagrams in your notebook:

Structure of a typical flower

T.S. of anther

Structure of ovule

Human male and female reproductive systems

NCERT Exercise Practice

2. Solve all NCERT back questions from the following chapters

Chapter 1:Sexual Reproduction in Flowering Plants

Chapter 2: Human Reproduction

Chapter 3:Reproductive Health

3. Read NCERT and mention or highlight all the important points.

4. Complete Your Notes.

5. Practice all PYQs of each given chapters

6. Solve all mcqs and questions given in module of the given chapters.

Computer

Do given assignment

Assignment 1

DDL& DML MCQs

1. Which SQL command is used to create a table?

- A) INSERT
B) CREATE
C) UPDATE
D) DELETE

2. Which command is used to add records into a table?

- A) INSERT
B) ALTER
C) DROP
D) TRUNCATE

3. Which language is used to define database structure?

- A) DML
B) DDL
C) TCL
D) DCL

4. Which command removes all rows from a table?

- A) DELETE
B) REMOVE
C) TRUNCATE
D) UPDATE

5. Which command changes table structure?

- A) ALTER
B) UPDATE
C) INSERT
D) SELECT

6. Which DML command is used to modify existing data?

- A) CREATE
B) UPDATE
C) DROP
D) ALTER

7. Which command deletes a table permanently?

- A) REMOVE
B) DROP
C) DELETE
D) CLEAR

8. Which command retrieves data from a table?

- A) FETCH
B) GET
C) SELECT
D) OPEN

9. DML stands for?

- A) Data Management Language
B) Data Manipulation Language
C) Data Making Language

D) Database Manipulation Language

10. DDL stands for?

A) Data Definition Language

B) Database Definition Language

C) Data Development Language

D) Database Development Language

11. Which command is used to remove specific rows?

A) DELETE

B) DROP

C) TRUNCATE

D) ALTER

12. Which command adds a new column in table?

A) MODIFY

B) UPDATE

C) ALTER

D) INSERT

13. Which command creates a database?

A) MAKE DATABASE

B) CREATE DATABASE

C) NEW DATABASE

D) ALTER DATABASE

14. Which command changes existing values in records?

A) UPDATE

B) ALTER

C) SELECT

D) CREATE

15. Which command is not a DML command?

A) INSERT

B) UPDATE

C) DELETE

D) CREATE

16. Which command removes database objects?

A) DELETE

B) DROP

C) UPDATE

D) SELECT

17. Which clause is used with SELECT to filter records?

A) ORDER BY

B) WHERE

C) GROUP BY

D) DISTINCT

18. Which command adds new rows to a table?

A) ALTER

B) INSERT

C) UPDATE

D) DROP

19. Which command removes complete table structure?

- A) DELETE
C) DROP
- B) TRUNCATE
D) UPDATE

20. Which statement is correct for TRUNCATE?

- A) Removes structure
C) Removes all rows only
- B) Removes selected rows
D) Adds rows

21. Which command is used to rename a table?

- A) CHANGE
C) UPDATE
- B) ALTER
D) SELECT

22. Which SQL command belongs to DDL?

- A) INSERT
C) CREATE
- B) DELETE
D) SELECT

23. Which SQL command belongs to DML?

- A) ALTER
C) UPDATE
- B) DROP
D) CREATE

24. Which command shows data from table?

- A) DISPLAY
C) SELECT
- B) SHOW
D) VIEW

25. Which command changes datatype of a column?

- A) MODIFY
C) SELECT
- B) INSERT
D) DELETE

26. Which keyword is used to remove duplicate values?

- A) UNIQUE
C) REMOVE
- B) DISTINCT
D) FILTER

27. Which clause sorts records?

- A) SORT BY
C) GROUP BY
- B) ORDER BY
D) ARRANGE BY

28. Which command deletes selected records?

- A) DELETE
C) TRUNCATE
- B) DROP
D) REMOVE

29. Which command creates a new table from existing data?

- A) COPY TABLE
- B) CREATE TABLE AS
- C) DUPLICATE
- D) INSERT TABLE

30. Which command changes existing table name?

- A) ALTER TABLE
- B) RENAME TABLE
- C) UPDATE TABLE
- D) MODIFY TABLE

31. Which command removes all data but keeps structure?

- A) DROP
- B) DELETE
- C) TRUNCATE
- D) REMOVE

32. Which symbol is used to end SQL statement?

- A) :
- B) ;
- C) ,
- D) .

33. Which command is used to permanently remove database?

- A) DELETE DATABASE
- B) DROP DATABASE
- C) REMOVE DATABASE
- D) CLEAR DATABASE

34. Which clause is used to arrange records in ascending order?

- A) ORDER BY ASC
- B) GROUP BY
- C) SORT ASC
- D) DISTINCT

35. Which command updates multiple rows?

- A) UPDATE
- B) ALTER
- C) INSERT
- D) DROP

36. Which command adds constraints in existing table?

- A) UPDATE
- B) ALTER
- C) DELETE
- D) SELECT

37. Which SQL command is case-insensitive?

- A) CREATE
- B) SELECT
- C) INSERT
- D) All of these

38. Which command deletes only one row?

- A) DELETE with WHERE
- B) DROP
- C) TRUNCATE
- D) ALTER

39. Which command removes a column from table?

- A) DELETE COLUMN
- B) ALTER DROP COLUMN
- C) REMOVE COLUMN
- D) UPDATE COLUMN

40. Which command creates table structure?

- A) CREATE TABLE
- B) INSERT TABLE
- C) UPDATE TABLE
- D) DROP TABLE

41. Which command changes existing records only?

- A) UPDATE
- B) INSERT
- C) CREATE
- D) DROP

42. Which command is used before working on a database?

- A) OPEN DATABASE
- B) USE
- C) START
- D) SELECT

43. Which command deletes both data and structure?

- A) DELETE
- B) TRUNCATE
- C) DROP
- D) UPDATE

44. Which DML command is used for searching records?

- A) SELECT
- B) CREATE
- C) ALTER
- D) DROP

45. Which command can add primary key in existing table?

- A) ALTER
- B) UPDATE
- C) DELETE
- D) INSERT

46. Which clause groups rows with same values?

- A) ORDER BY
- B) GROUP BY
- C) DISTINCT
- D) WHERE

47. Which command removes duplicate records?

- A) DISTINCT
- B) DELETE
- C) DROP
- D) UPDATE

48. Which command inserts multiple rows?

- A) INSERT INTO
- B) UPDATE INTO
- C) ADD INTO
- D) MODIFY INTO

49. Which command changes column size?

- A) ALTER MODIFY
- B) UPDATE MODIFY
- C) DELETE MODIFY
- D) INSERT MODIFY

50. Which command is used to display table structure?

- A) DESCRIBE
- B) SHOW TABLE
- C) VIEW TABLE
- D) PRINT TABLE

Assignment 2

Computer Networks and Protocols

1. What is the main purpose of a computer network?

- A) Printing only
- B) Sharing resources and communication
- C) Drawing pictures
- D) Playing games

2. Which device connects different networks together?

- A) Hub
- B) Switch
- C) Router
- D) Repeater

3. Which topology uses a central device?

- A) Bus
- B) Ring
- C) Star
- D) Mesh

4. Which protocol is used to send emails?

- A) FTP
- B) SMTP
- C) HTTP
- D) POP3

5. Which protocol is used for file transfer?

- A) FTP
- B) DNS
- C) SMTP
- D) HTTP

6. What does LAN stand for?

- A) Long Area Network
- B) Large Area Network
- C) Local Area Network
- D) Limited Area Network

7. Which network covers the largest geographical area?

- A) PAN
- B) LAN
- C) MAN
- D) WAN

8. Which protocol is mainly used for web browsing?

- A) SMTP
- B) FTP
- C) HTTP
- D) POP3

9. What is the full form of IP?

- A) Internet Protocol
- B) Internal Process
- C) Internet Program
- D) Information Protocol

10. Which device forwards data packets between networks?

A) Router B) Hub C) NIC D) Modem

11. Which topology is least expensive?

A) Mesh B) Bus C) Star D) Ring

12. What is the function of a modem?

A) Storage B) Routing C) Signal conversion D) Printing

13. Which protocol is used to receive emails?

A) SMTP B) POP3 C) FTP D) HTTP

14. What does URL stand for?

A) Uniform Resource Locator B) Universal Resource Link

C) Uniform Record Locator D) Universal Record Link

15. Which transmission media uses light signals?

A) Coaxial Cable B) Twisted Pair

C) Fiber Optic Cable D) Copper Cable

16. Which topology sends data in a circular path?

A) Ring B) Bus C) Star D) Tree

17. Which layer handles routing in TCP/IP model?

A) Application Layer B) Transport Layer

C) Internet Layer D) Physical Layer

18. Which protocol provides secure web communication?

A) HTTP B) HTTPS C) FTP D) SMTP

19. What is the full form of DNS?

A) Data Naming Service B) Domain Name System

C) Domain Network Service D) Digital Name System

20. Which topology offers highest reliability?

A) Bus B) Ring C) Mesh D) Star

21. Which device works at Data Link Layer?

A) Router B) Switch C) Modem D) Gateway

22. Which protocol is used for remote login?

A) FTP B) Telnet C) SMTP D) HTTP

23. What does WWW stand for?

A) World Wide Web B) Wide World Web
C) World Web Window D) Web World Wide

24. Which topology requires maximum cabling?

A) Bus B) Ring C) Star D) Mesh

25. Which is a wireless technology?

A) Bluetooth B) Coaxial Cable C) Twisted Pair D) Fiber Optic

26. Which protocol assigns IP addresses automatically?

A) FTP B) SMTP C) DHCP D) HTTP

27. What is the full form of MAC?

A) Machine Access Control B) Media Access Control
C) Media Area Connection D) Main Access Channel

28. In which topology does failure of main cable stop the network?

A) Star B) Mesh C) Ring D) Bus

29. Which protocol is connection-oriented?

A) UDP B) TCP C) IP D) FTP

30. Which protocol is faster but less reliable?

A) TCP B) HTTP C) UDP D) SMTP

31. What is the purpose of an IP address?

A) File storage B) Device identification
C) Signal boosting D) Printing

32. Which topology is commonly used in offices?

A) Ring B) Star C) Bus D) Mesh

33. What does ISP stand for?

A) Internet Service Provider B) Internal Service Program
C) Internet Security Provider D) Information System Program

34. Which protocol is used for secure websites?

A) FTP B) SMTP C) HTTPS D) HTTP

35. Which TCP/IP layer ensures reliable data transfer?

- A) Application Layer
- B) Internet Layer
- C) Transport Layer
- D) Physical Layer

36. What is the full form of Wi-Fi?

- A) Wired Fidelity
- B) Wireless Fidelity
- C) Wide Fidelity
- D) Wireless Fiber

37. Which protocol converts domain names into IP addresses?

- A) DNS
- B) SMTP
- C) FTP
- D) HTTP

38. Which device regenerates weak signals?

- A) Router
- B) Switch
- C) Repeater
- D) Gateway

39. Which network type covers a city?

- A) LAN
- B) MAN
- C) PAN
- D) WAN

40. Which protocol is preferred for live streaming?

- A) TCP
- B) FTP
- C) UDP
- D) SMTP

41. Which device connects computers within a LAN?

- A) Modem
- B) Switch
- C) Router
- D) Gateway

42. What does TCP stand for?

- A) Transfer Communication Protocol
- B) Transmission Control Protocol
- C) Transfer Control Process
- D) Transmission Communication Process

43. Which topology is easiest to manage?

- A) Mesh
- B) Star
- C) Ring
- D) Bus

44. Which protocol transfers hypertext documents?

- A) FTP
- B) SMTP
- C) HTTP
- D) POP3

45. Which communication mode allows simultaneous two-way communication?

- A) Simplex
- B) Half Duplex
- C) Full Duplex
- D) Semi Duplex

46. Which protocol is used between browser and web server?

A) SMTP B) HTTP C) FTP D) POP3

47. What is a major advantage of fiber optic cable?

A) Low speed B) High interference
C) High speed and security D) Cheap installation

48. Which protocol downloads emails from a mail server?

A) HTTP B) DNS C) FTP D) POP3

49. Which topology provides dedicated links between all devices?

A) Bus B) Star C) Ring D) Mesh

50. Which OSI layer handles encryption and decryption?

A) Session Layer B) Network Layer
C) Presentation Layer D) Transport Layer

Note:- Dear students assignments will be send later on your WhatsApp group.

