

II YEAR III SEMESTER BSc MECs SYLLABUS

SRI RAMAKRISHNA DEGREE COLLEGE (AUTONOMOUS)

NANDYAL

102-A

SRI RAMAKRISHNADEGREE COLLEGE(AUTONOMOUS), NANDYAL

II B.A/B.COM/B.SC. SEMESTER-III

English Praxis Course-III (2020-2021 Regulations)

Time: 3 hours Max. Marks: 70

Jawaharlal Nehru

Unit-I

- 1. Tryst with Destiny (speech)
- 2. Greetings (skills)
- 3. Introductions (skills)

Unit-II

- 1. Yes, We Can- Barack Obama
- A Leader Should Know How to Manage Failure (Interview)
 Dr.A.P.J.Abdul Kalam @ India Knowledge at Wharton
- 3. Requests (Skills)

Unit-III

- 1. Nelson Mandela's Interview with Larry Kings (Interview)
- 2. Asking and Giving Information (Skills)
- 3. Agreeing and Disagreeing (Skills)

Unit-IV

- 1. JRD Tata's Interview with T.N.Ninan (Interview)
- 2. Dialogue Building (Skills)
- 3. Giving Instructions and Directions (Skills)

Unit-V

- 1. You've Got to Find What You Love (Speech) Steve Jobs
- 2. Debates (Skills)
- 3. Descriptions (Skills)
- 4. Role Plays (Skills)

102-A Sri Ramakrishna Degree College(Autonomous), Nandyal.

B.A/B.Com/B.SC (Three years) Degree Examinations IInd Year IIIrd Semester Examination Title of the paper: English Praxis Course-III

| | The of the paper. English Taxis course-in | |
|---------------|---|----------------|
| Time: 3 hours | | Max. Marks: 70 |
| | | |

Section-A

- A. Read the following passage and answer the questions given below: 5x1=5M Happy is the man who acquires the habit of reading when he is young. He has secured a life long source of pleasure , instruction and inspiration. So long as he has his beloved books, he need never feel lonely. He always has pleasant occupation of leisure moments, so that he need never feel bored. He is the possessor of wealth more precious than gold. Ruskin calls books "kings Treasures" treasuries filled not with gold and silver and precious stones but with riches much more valuable than these: knowledge,noble thoughts and high ideals. Poor indeed is the man who does not read and empty in his life.
 - 1. Who can secure life long source of pleasure and inspiration?
 - 2. Who is a lonely person?
 - 3. What are called "kings treasures"?
 - 4. "He is the possessor of wealth"_ what is the wealth that the speaker is referring to?
 - 5. What is the synonym to "valuable"?
- B. Answer any one of the following questions in about 100 words : 1x5=5M

1x10=10M

1x5= 5 M

- 1. According to Nehru what does freedom and power bring?
- 2. Who is Ann Nixon Cooper? What does Obama say about her?
- 3. Why did Steve Job become interested in Calligraphy?
- C. Answer any one of the following in about 200 words:
 - 1. Summarise Nehru's speech 'A Tryst with Destiny'.
 - 2. Analyse Barack Obama's speech 'Yes, We Can?
 - 3. What was the message of Steve Job's speech 'You've got to find what you love?
- D. Answer any one of the following in about 100 words:
 - 1. What is common between Mother Theresa and Nelson Mandela?
 - 2. What are the six leadership traits that Kalam talks about?
 - 3. How does JRD Tata defend the Voltas?
- E. Answer any one of the following in about 200 words : 1x10=10 M
 - 1. What was the message given by Nelson Mandela as seen in the interview with Larry King?
 - 2. How does Dr. .A .P .J. Abdul Kalam share his ideas on managing failure with Knowledge@ Whart?
 - 3. Summarise JRD Tata's interview with T.N.Ninan

Section-B

| F. | Fill in the blanks with suitable exp | ressions: | 1x5=5M | |
|----|--|---|---|--|
| | Ranjith:, Mr Rao. | | | |
| | Rao: Good afternoon, Mr Ranjith. | How are yo | u? | |
| | Ranjith:, thank y | ou. How are | you Mr Rao? | |
| | Rao: I'm fine, thanks. I came to bu | ıy some shir | ts and trousers. | |
| | Ranjith: Ok. I came here to buy a nice watch for my friend. | | | |
| | , Mr Rao. | | | |
| | Rao: Thanks, and you too. Bye! | | | |
| | Ranjith:! | | | |
| G. | Turn the following statements int Give me your notes. (To your Clear my doubts. (To your tea Carry my luggage. (To your fr Close the door. (To a strange Send the documents. (Manage Match the following with suitable Can I have a glass of water? Please, shut the door Can I take your printer? Do you mind my singing? Can I take your news paper | o Polite Req classmate) acher) iend) r) ger to a clerk expressions (((((| uests: 1x5=5M (x) (x) (x) (x) (x) (x) (x) (x) | |
| I. | Construct a dialogue between two | o friends on | the choice of their career: 1x10=10M | |
| J. | Describe your favourite city: | | 1x5=5M | |
| k. | Write an instructions on how to p | prepare tea | 1x5=5M | |

General Telugy TNDERE-3

పాఠ్య ప్రణాళిక

యూనిట్-1: వ్యక్తీకరణ సైపుణ్యాలు 1. భాష-ప్రాథమికాంశాలు: భాష-నిర్వచనం, లక్షణాలు, ఆవశ్యకత, ప్రయోజనాలు 2. వర్ణం-పదం-వాక్యం'. వాక్య లక్షణాలు, సామాన్య-సంయుక్త-సంశ్రీప్రవాక్యాలు 3. భాషా నిర్మాణంలో 'వర్ణం-పదం-వాక్యం' (ప్రాధాన్యత

యూనిట్-II సృజనాత్మక రచన '

| 4. కఎతా రచన | : | ఉతమ కవిశ – లకణాలు |
|--------------|---|-----------------------|
| 5. కథారచన | : | ఉతమ కథ – లకణాలు |
| 6. వ్యాస రచన | : | ఉత్రమ వ్యాసం-లక్రణాలు |

యూనిట్-III: అనువాద రచన

- 7. అనువాదం నిర్వచనం, అనువాద పద్దతులు,
- 8. అనువాద సమస్యలు భౌగోళిక,భాషా,సాంస్థతిక సమస్యలు, పరిష్కారాలు

9. అభ్యాసము : ఆంగ్లం నుండి తెలుగుకు, తెలుగు నుండి ఆంగ్లానికి ఒక పేరానుఅనువదించడం

యూనిట్ IV మాధ్యమాలకు రచన-1 (ముద్రణామాధ్యమం/పింట్ మీడియా)

10. ముద్రణామాధ్యమం (అచ్చుమాధ్యమం) : పరిచయం, పరిధి, వికాసం

- 11. వివిధ రకాల పత్రికలు పరిశీలన, పత్రికాభాష, శైలి, వైవిధ్యం
- 12. పత్రికా రచన : వార్తా రచన, సంపాదకీయాలు, సమీక్షలు-అవగాహన

యూనిట్ V మాధ్యమాలకు రచన-2 (ప్రసార మాధ్యమం/ఎలక్ర్యానిక్ మీడియా)

13. ప్రసారమాధ్యమాలు : నిర్వచనం, రకాలు, విస్త్రతి, ప్రయోజనాలు

- 14. శ్రవణ మాధ్యమాలు రచన: రేడియో రచన, ప్రసంగాలు, నాటికలు, ప్రసార సమాచారం
- 15. దృశ్యమాధ్యమాలు రచన: వ్యాఖ్యానం (యాంకరింగ్), టెలివిజన్ రచన

Sri Ramakrishna Degree College, Nandyal

BA/B.com/B.sc/BBA - 2nd year - 3rd Semester

Sanskrit Syllabus(2021-22)

| | प्रथमविभागः(Unit-I) |
|----|---|
| | प्राचीन रूपक विभागः |
| 1. | मध्यमव्यायोगः -महाकवि भासः |
| | द्वितीय विभागः(Unit-II) |
| | आधुनिक रूपक विभागः |
| 2. | ् संकल्पबलम्- आचार्य जि.यस्.आर. कृष्णमूर्तिः |
| | तृतीय विभागः(Unit-III) |
| | उपनिषद् विभागः, भगवद्गीता |
| 3. | उपनिषत् — दकार कथा |
| | शिष्यानुशासनम् |
| 4. | भगवद्गीता — श्रद्धात्रयविभगयोगः |
| | चतुर्थविभागः (Unit-IV) |
| | अलङ्कारः, महाकवि शास्त्रकारः विभागः |
| 5. | अलङ्कारः |
| 6. | महाकवि शास्त्रकारः |
| | 1. पाणिनि, 2.कौटिल्यः, 3. भरतमुनिः, 4. भारविः, |
| | 5. माघः, 6. भवभूतिः, 7. शङ्कराचार्यः, 8. दण्डी |
| | पञ्चमविभागः(Unit-V) |
| | हलन्त शब्दाः |
| 7. | व्याकरणविभागः- जलमुच्, मरुत्, भगवत्, भवत्, पचत्, राजन्, गुणिन्, नामन्, विद्वस्, मनस्, |
| | अस्मद्, युष्मद्। |

Sri Ramakrishna Degree College, Nandyal BA/B.com/B.sc/BBA - 2nd year - 3rd Semester

Sub: Sanskrit Model Question paper (2021-22)

| Model Question paper (2021-22) | |
|---|----------|
| Time : 3 hours. | |
| warks=70 प्रथमोभागः(50 marks) | |
| เ. สลางคาคานอีคายสาย | 2 x 4=08 |
| भ भाग· | 2 ~ 4-00 |
| | |
| आ)दयाय्द्रआ | |
| ई) मनः प्रसादमुच्यत !! ई। अन्न-प्रतिन | |
| ६) आतत्सादात | |
| ॥. चतुणासंसन्दममावचालखत ! | 4 x 3=12 |
| अ) व्दिजात्तमाःपूज्यतमा-पृथिव्याम् ! | |
| आ) पतिमात्रधमिणीपतिव्रतीतेनाम ! | |
| इ) जात्याराक्षसी। नसमुदाच ा रेण ! | |
| ई) दण्डंयथार्थमिहधारयितुंसमर्थाः ! | |
| 3) मातृदेवोभव ! | |
| ऊ) श्र द्धाय ादेयम् ! अश्रध्या sदेम्! | |
| ए) एषआदेशः!एषः उपदेशः!एतदनुशासनम् ! | |
| ऐ)दमंदानंदयामिति! | |
| III.एकस्यसम्पूर्णतयासमाधानंलिखित ! | 1 x 8=8 |
| अ) भीमधटोत्कचयोःशीलंलिखित ! | |
| आ)मध्यमव्यायोगरुपकस्यकथासारंलिखित! | |
| Iv.एकस्य सम्पूर्णतया समाधानंलिखित ! | 1 x 8=8 |
| अ) गान्धिमहाशयस्य आदर्शः गुणान् पाठयभागान् सारंविशदयत ! | |
| आ) संकल्पबलम्रूपकस्यकथासारं लिखित ! | |
| V.एकस्य सम्पूर्णतया समाधानं लिखित! | 1 x 8=8 |
| अ) गुरुःशिष्यन्किम्अन्शास्ति? | |
| आ)बृहदारण्यकोपनिषदिवर्णितान्सारंदकारकथस्य वैशिष्ट्यंविचारयत ! | |
| VI. षण्णांलघ्समाधानानिलिखित! | 1 x 6=6 |
| ्र अ) मध्यमव्यायोगस्यकर्ताकः? | |

| आ) पाण्डवाःकीर्दशाः ? | | | |
|--|------------------|------------|---------|
| इ) मांसभ क्षणेकिंमलिनंभवति ? | | | |
| ई) श ्रुतिवचनंकिम् ? | | | |
| 3) प्रजापतेःकतिपुत्राःसन्ति? | | | |
| ऊ) प्रजापतिःदेवान् उद्दिश्य किंउप | ादिदेश ? | | |
| ए) उपनिषद्इतिशब्दस्यअर्थःकः? | | | |
| ऐ) कस्यांनप्रमदितव्यम् ? | | | |
| क) त्रिविधश्रद्धाका ? | | | |
| ख) त्रयः आहाराः के ? | | | |
| | व्दितीयभागः(20 | Marks) | |
| VII. व्दयोःशब्दरुपानिसम्पूर्णतयाति | त्रेखित ! | | 2 x 3=6 |
| अ) जलमुच् आ) भगवत् | इ) राजन् | ई) विव्दस् | |
| VIII.व्दयोःल क्ष लक्षणंसमन्वयंलिखि | वेत ! | | 2 x 3=6 |
| अ) उपमा। आ) दीपकम् | इ) द्रुष्टान्तः। | ई) उल्लेखः | |
| IX. व्दयोःलघुविवरणंकुरूत ! | | | 2x 4=8 |
| अ) भारविः। आ)माघः। | इ) पाणिनि | ई) भवभूतिः | |

SRI RAMAKRISHNA DEGREE(AUTONOMOUS) COLLEGE: NANDYAL B.Sc. SECOND YEAR MATHEMATICS SYLLABUS (2021-2022) SEMESTER-III PAPER-3 <u>ABSTRACT ALGEBRA-PAPER-3</u>

Course Outcomes:

After successful completion of this course, the student will be able to;

- 1. acquire the basic knowledge and structure of groups, subgroups and cyclic groups.
- 2. get the significance of the notation of a normal subgroups.
- 3. get the behavior of permutations and operations on them.
- 4. study the homomorphisms and isomorphisms with applications.
- 5. understand the ring theory concepts with the help of knowledge in group theory and to prove thetheorems.
- 6. understand the applications of ring theory in various fields.

Course Syllabus:

UNIT - I (12 Hours)

GROUPS:

Binary Operation – Algebraic structure – semi group- monoid – Group definition and elementary properties Finite and Infinite groups – examples – order of a group, Composition tables with examples.

SUB - GROUPS :

UNIT - II (12 Hours)

Complex Definition – Multiplication of two complexes Inverse of a complex-Subgroup definition- examples-criterion for a complex to be a subgroups. Criterion for the product of two subgroups to be a subgroup-union and Intersection of subgroups.

Co-sets and Lagrange's Theorem :

Cosets Definition – properties of Cosets–Index of a subgroups of a finite groups– Lagrange's Theorem.

UNIT –III (12 Hours)

NORMAL SUBGROUPS :

Definition of normal subgroup – proper and improper normal subgroup–Hamilton group – criterion for a subgroup to be a normal subgroup – intersection of two normal subgroups – Sub group of index 2 is a normal sub group –quotient group – criteria for the existence of a quotient group.

HOMOMORPHISM :

Definition of homomorphism – Image of homomorphism elementary properties of homomorphism – Isomorphism – automorphism definitions and elementary properties–

kernel of a homomorphism - fundamental theorem on Homomorphism and applications

UNIT – IV (12 Hours)

PERMUTATIONS AND CYCLIC GROUPS :

Definition of permutation – permutation multiplication – Inverse of a permutation – cyclic permutations – transposition – even and odd permutations – Cayley's theorem.

Cyclic Groups :- Definition of cyclic group – elementary properties – classification of cyclic groups.

UNIT V (12 Hours)

RINGS :

Definition of Ring and basic properties, Boolean Rings, divisors of zero and cancellation laws Rings, Integral Domains, Division Ring and Fields, The characteristic of a ring - The characteristic of an Integral Domain, The characteristic of a Field. Sub Rings, Ideals

Co-Curricular Activities(15 Hours)

Seminar/ Quiz/ Assignments/ Group theory and its applications / Problem Solving.

Text Book :

A text book of Mathematics for B.A. / B.Sc. by B.V.S.S. SARMA and others, published by S.Chand & Company, New Delhi.

Reference Books :

- 1. Abstract Algebra by J.B. Fraleigh, Published by Narosa publishing house.
- 2. Modern Algebra by M.L. Khanna.

SRI RAMAKRISHNA DEGREE (AUTONOMOUS)COLLEGE:NANDYAL II B.Sc MATHEMATICS PAPER-3 MODEL PAPER- (For the Academic Year 2020 onwards) III SEMESTER- ABSTRACT ALGEBRA Max.MARKS:70M

PART-A

Answer Any FIVE of the following

1. Prove that in a group G, If $a \in G$ then $O(a) = O(a^{-1})$.

- 2.Show that in a Group G for $a, b \in G$, $(ab)^2 = a^2b^2$ if and only If G is abelian.
- 3. Prove that the intersection of two Sub groups is again Sub group
- 4. Prove that any two right or left Co-sets of Subgroup are either identical or disjoint
- 5. Prove that a subgroup H of a group G is Normal, If $xHx^{-1} = H$ for all $x \in G$
- 6. Find the regular permutation group Isomorphic to the multiplication group $G = \{1, -1, i, -i\}$
- 7. Show that every cyclic group is an abelian
- 8. Prove that every Boolean ring is Commutative under multiplication.

PART-B

Answer Any FIVE of the following

9a).Prove that the set -Z of all integers form an abelian group with respect to the Operation defined by a * b = a + b + 2 for all $a, b \in Z$

OR

- b). Let G to be a group and H is a complex of G. The necessary and Sufficient condition for H to be a sub group of G is $a, b \in H \Rightarrow ab^{-1} \in H$
- 10 a). State and prove Lagrange's theorem on finite groups

OR

- B .Prove that a subgroup H of a group G is a normal subgroup of G If and only if the product of two right(left) co sets of H in G is again a right(left) co-set of H in G
- 11a).State and Prove Fundamental theorem of Homomorphism on Groups

OR

- b).State and prove Cayley's theorem on finite groups
- 12 a). Show that every Isomorphic images of a Cyclic group is Cyclic

5x10=50M

5x4=20M

- b) Every Sub group of Cyclic Group is Cyclic.
- 13a) . Prove that a ring has ${\it R}$ has no zero divisors If and only if the Cancellation laws hold in ${\it R}$

OR

Prove that $Q[\sqrt{2}] = \{a + b\sqrt{2} \ a, b \in Q\}$ is a Field with respect to addition and

multiplication of numbers.

SRI RAMAKRISHNA DEGREE COLLEGE (AUTONOMOUS) **II B.Sc; ELECTRONICS (SEMESTER-III)** (2021-2022 Regulation)

PAPER:III- ANALOG CIRCIUTS AND COMMUNICATIONS

UNIT-I:

Operational Amplifiers (Op-Amp): Introduction, Block diagram – Schematic representation- Pin configuration. Ideal characteristics of Op-Amp, Op-amp parameters-Offset Voltage, Bias currents, CMRR, Slew rate. Concept of virtual ground Inverting amplifier, Non-inverting amplifier, Differential amplifier, closed loop frequency response.

UNIT:II:

Op-Amp Applications: Inverter, Adder, Subtractor, Current follower,

Voltage follower, Comparator, Integrator, Differentiator, Sine wave generator (Wien Bridge Oscillator, Phase shift Oscillator) Square wave generator, Triangular wave generator, voltage regulator Schmitt trigger. IC-555 functional block diagram and mention its applications.

UNIT:III:

Amplitude Modulation: Need for modulation, modulation index, Analysis of AM wave, frequency spectrum, power relations in the AM wave. Generation of AM- Transistor modulator. Detection of AM signals -Diode detector. Limitations of AM.

UNIT-IV:

Frequency Modulation: Theory of FM, Frequency deviation and carrier swing, modulation index, deviation ratio, percent modulation. Mathematical representation of FM, frequency spectrum and bandwidth of FM waves, Generation of FM signals: Reactance modulator. Detection of FM waves: Double tuned discriminator.

UNIT-V:

Radio broadcasting and reception and Digital Communication:

Electromagnetic spectrum - relation between frequency and wavelength -Block diagram of radio transmission and reception-Block diagram of Super heterodyne Receiver. Advantages of digital over analog communications, Sampling Theorem, TDM, FDM. PAM-Generation & Detection PWM- Generation & Detection, PPM- Generation & Detection.

Text Books:

- 1. Op-Amp Liner Integrated circuits By Ramesh Gaykwad
- 2. Linear Integrated Circuits by Roy and Choudary
- 3. Unified electronics vol II by JP Agarwal and Amit Agarwal
- 4. Electronics communications George Kennedy
- 5. Antennas and Wave Propagation by G.S.N.Raju
- 6. Principles of communication system by Herbert Taub & e.L. Schilling

12 Hours

12Hours

12 Hours

12 Hours

12 Hours

SRI RAMAKRISHNA (AUTONOMOUS) DEGREE COLLEGE II B.Sc; ELECTRONICS (SEMESTER-III) (2021-2022 Regulation) PAPER:III- ANALOG CIRCIUTS AND COMMUNICATIONS

MODEL PAPER

Section -A

Answer the following any **Four** questions:

- 1. What are the characteristics of an ideal op-amp?
- 2. Write a short note on op-amp as a voltage follower.
- 3. Explain the op-amp parameters.
- 4. What is the need for modulation?
- 5. What is the modulation index in AM?
- 6. Draw the frequency spectrum and bandwidth of FM waves.
- 7. Write about sampling theorem.
- 8. Draw and explain the spectrum of electromagnetic waves.

Section - B

Answer the following ALL Questions:

9. Explain the block diagram of op-amp.

Or

Or

Derive an expression for the output voltage in both inverting and non-inverting configuration.

10. What is an op-amp integrator? Explain its functioning.

Draw the functional block diagram of IC-555 timer. Explain each block.

11. What is Demodulation? Explain the working of diode detector.

Explain the mathematical analysis of AM and give its power relations.

12. Discuss the working of reactance modulator. Or Explain the mathematical analysis of FM.

13. Explain about block diagram of super heterodyne receiver. Or

Explain about Frequency division multiplexing.

5X10M=50M

4X5M=20M

II B.Sc III SEMESTER SYLLABUS <u>Paper III: DATABASE MANAGEMENT SYSTEMS</u>

| Semester | Course Code | Course Title | Hours | Credits |
|----------|-------------|--------------------------------|-------|---------|
| III | C3 | DATABASE MANAGEMENT SYSTEMS | 60 | 3 |

UNIT I

Overview of Database Management System: Introduction to data, information, database, database management systems, file-based system, Drawbacks of file-Based System, database approach, Classification of Database Management Systems, advantages of database approach, Various Data Models, Components of Database Management System, three schema architecture of data base, costs and risks of database approach.

UNIT II

Entity-Relationship Model: Introduction, the building blocks of an entity relationship diagram, classification of entity sets, attribute classification, relationship degree, relationship classification, reducing ER diagram to tables, enhanced entity-relationship model (EER

model), generalization and specialization, **IS** A relationship and attribute inheritance, multiple inheritance, constraints on specialization and generalization, advantages of ER modeling.

UNIT III

Relational Model: Introduction, CODD Rules, relational data model, concept of key, relational integrity, relational algebra, relational algebra operations, advantages of relational algebra, limitations of relational algebra, relational calculus, tuple relational calculus, domain relational Calculus (DRC), Functional dependencies and normal forms upto 3rd normal form.

UNIT IV

Structured Query Language: Introduction, History of SQL Standard, Commands in SQL, Data Types in SQL, Data Definition Language, Selection Operation, Projection Operation, Aggregate functions, Data Manipulation Language, Table Modification Commands, JoinOperation, Set Operations, View, Sub Query. **Joins**

Concept for SQL Lab Programs

UNIT V

PL/SQL: Introduction, Shortcomings of SQL, Structure of PL/SQL, PL/SQL Language Elements, Data Types, Operators Precedence, Control Structure, Steps to Create a PL/SQL, Program, Iterative Control, Procedure, Function, Database Triggers, Types of Triggers. PL/SQL Programs for LAB BOOKS.

BOOKS:

- 1. Database System Concepts by Abraham Silberschatz, Henry Korth, and S. Sudarshan, McGrawhill
- 2. Database Management Systems by Raghu Ramakrishnan, McGrawhill
- 3. Principles of Database Systems by J. D. Ullman
- 4. Fundamentals of Database Systems by R. Elmasri and S. Navathe
- 5. SQL: The Ultimate Beginners Guide by Steve Tale.

B.Sc(Three Year) Degree Examinations

II Year III Semester

DBMS MODEL PAPER

Max. Marks: 70

Pass Marks: 28M

5x4 = 20m

PART A

Answer any five of the following questions

- 1. Explain about components of DBMS
- 2. Write a short note on data models
- 3. Explain about level of abstraction in DBMS
- 4. What is a key and explain about types of key
- 5. Explain about Generalization and Specialization
- 6. Explain about data types in SQL
- 7. What is Relation? Explain about types of relations?
- 8. What are advantages of PL/SQL

PART B

Answer any five of the following questions

9. What is DBMS? What are the objectives of DBMS

Or

Explain about classification of DBMS

10.Explain about Entity and attributes? Write about types of attributes

Or

Explain building blocks of entity-relationship diagram

11. Write a note on E.F codd's 12 rules

Or

What is normal form? Explain about 3 normal forms in DBMS

12. What is SQL? What are different sub-languages in SQL

Or

Explain joins concept in detail

13. Explain looping statements in PL/SQL with example

Or

What is trigger? Explain about types of triggers

5x10 = 50m

Time: 3 Hrs