| B3N16 | 128 | (Pages :2) | Reg. No: | |
|---------|---|--|--|--|
| | FAROOK COLLE | GE (AUTONOMOUS), K | | |
| | Third Semester BV | OC Degree Examination, I | November 2016 | |
| | | - Basic Networking Cor | | |
| | | 015 Admission onwards) | | |
| lax. Ti | me: 3 hours | | Max. Marks: 80 | |
| | | PART - A | | |
| | Answer all ques | tions. Each question carrie | es <i>one</i> mark | |
| | m monum 1 111 | Townson and the second | | |
| 1. | The TCP/IP network model ha | | | |
| | .8. 2 | (C) 7 | | |
| _ | (B) 6 | (D) 4 | | |
| 2. | Which of the following network | ACCESS OF A 12 TO THE PARTY OF | JSI network layer? | |
| | (A) Repeater | (C) Switch | | |
| 2 | (B) Router | (D) Bridge | | |
| 3. | Hamming code is used for | | | |
| | (A) Error detection | (C) Error correction | | |
| | | (D) Both (A) and (B) | | |
| 4. | Piggy backing is a method of | | | |
| | (A)Backtracking | (C) Method to c | ombine a data frame and ACK | |
| | (B) Forwarding | (D) none of thes | e la | |
| 5. | RIP is based on | | | |
| | (A) Link state routing | (C) Distance ved | ctor routing | |
| | (B) Dijkstra's algorithm | (D) Path vector | routing | |
| 6. | What class of IP address is res | served for multicast comm | unication? | |
| | (A) Class A (C) C | Class B | | |
| | (B) Class C (D) C | lass D | | |
| 7. | FTP is | | | |
| | (A) Used to send email | (C) Used to bro | wse the web | |
| | (B) Is part of netscape | (D) A protocol | for the transfer of files | |
| 8. | Which one is not provided by | | | |
| | (A) Privacy | | | |
| | (B) Integrity | (D) Non-repudi | ation | |
| 9. | In Public key method the key | - 2 | | |
| | (A) Encryption key | | | |
| | (B) Both (A) and (B) | | | |
| 10 | . A client message usually nee | | | |
| 10. | (A) SMTP | (C) POP | **** | |
| | (B) Both (A) and (B) | 5 6 | | |
| 11 | . What is the protocol data unit | | | |
| 11. | (A) Bits | | layer. | |
| | | The state of the s | | |
| 12 | (B) Frames Small files that are deposited | No. 10 Personal Property of the Control of the Cont | en they visit a website are called | |
| 12 | . Sman mes mar are deposited | on a user s hard unive will | at they visit a website are called | |
| | (A) Codes | (C) Cookies | - Tes | |
| | (B) Profiles | (D) Trackers | $12 \times 1 = 12$ | |

PART - B

Answer any seven questions. Each question carries two marks

- 13. Explain the two types of duplex transmission modes?
- 14. What are the advantages of optical fiber over twisted pair and coaxial cable?
- 15. What is the minimum hamming distance?
- 16. Compare and contrast byte stuffing and bit stuffing?
- 17. How does router differ from a bridge?
- 18. What is meant by quality of service?
- 19. What is the purpose of DNS?
- 20. Give the format of HTTP?
- 21. What are the two types of firewalls?

 $7 \times 2 = 14$

PART - C

Answer any six questions. Each question carries five marks

- 22. Explain different types of network?
- 23. Explain different switching techniques?
- 24. Explain how CRC can be used for error detection?
- 25. Differentiate between CSMA and CSMA/CD?
- 26. Explain different implementations of ethernet?
- 27. What are the various classes of IP addressing?
- 28. Why transport layer protocols like TCP and UDP are called end-to-end protocols? What is the difference between them?
- 29. Explain different unguided transmission media?

6x 5 = 30

PART - D

Answer any three questions. Each question carries eight marks

- 30. What is ISO-OSI reference model? Compare it with TCP/IP reference model. Why TCP/IP model is more popular than OSI model?
- 31. Explain different error detection and correction methods?
- 32. Compare and contrast distance vector and link state routing algorithms?
- 33. Explain the architecture of WWW?
- 34. Explain different encryption techniques?

 $3 \times 8 = 24$

| 200000 | | | | | | | | | | | | | | | |
|----------|--|--|--|--|--|--|--|--|---|---|--|---|--|--|---|
| Name: | | | | | | | | | | | | | | | |
| TAGILLO. | | | | | | | | | ٠ | ٠ | | 3 | | | ٠ |

Max. Marks: 80

FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE

Third Semester BVOC Degree Examination, November 2016 SDC3AE10 - Circuit Theory & Power Systems

(2015 Admission onwards)

| | | PART -A |
|----|--|---|
| | Answer all questions. | Each question carries one mark. |
| 1. | An inductor opposes sudden change | |
| | (a) current | (b)flux |
| | (c)voltage | (d)resistance |
| 2 | The discharging current in R L series | circuit isfunction. |
| | (a)exponentially rising | (b)exponentially decaying |
| 19 | (c)sinusoidally varying | (d)sinusoidaly varying exponentially decayin |
| 3 | Time constant in a network is the tin value. | ne taken by the voltage to reach of its final |
| 0 | (a)36.8% | (b)50% |
| | (c)76.3% | (d) 63.2% |
| 4. | Branches of a tree in a network are c | |
| | (a) Twigs | (b) Links |
| | (c)nodes | (d)graph |
| 5. | | l element? |
| | (a)Diode | (b)Transistor |
| | (c)FET | (d)None of these |
| 6. | The maximum power transfer takes | place in a network when |
| | (a)Rth=RL ² | (b)Rth=RL |
| | (c) $Rth+RL = 0$ | $(d)R_{TH} < R_L$ |
| 7. | In thevenin's theorem, thevenin vo | Itage is |
| | (a)Open circuit voltage across load | (b) Short circuit voltage across load |
| | (c) Source voltage | (d) Node voltage |

(d)none of these.

(b)HVDC

(b)30KV/cm

(d)23KV/m

(d)line to line

11. For transmitting power between 2 stations having different frequency

(b) 3 line to ground

(d) line to line fault

(b) 3line to ground fault

(c)both a & b

8. Corona is seen in a conductor at a potential gradient of

9. Most severe fault in electrical system is......fault.

12. Meggar is used to measure....

(a)11KV/cm

(a) Line to line

(c)Double line to ground

(a) Line to line fault

system is used?

(a) HVAC

10. Circuit breaker capacity is based on....

(c) Double line to ground fault

(c)1KV/m

Max. Time: 3 hours

(b) earth resistance (a)insulation resistance

(c) both (d) none of these

 $(12 \times 1 = 12)$

peculiarity we can observe?

- 15. Define passive filter?
- 16. What is the need of fault analysis?
- 17. What is the need of transposition of conductors for transmitting power?
- 18. Why bundled conductors are used for power transmission?
- 19. Define Norton current?
- 20. What do you meant by Ferranti effect?
- 21. What is the function of choke in fluorescent lamp?

PART-C

Answer any six questions. Each question carries five marks.

- 22. Calculate the time taken by a capacitor of $1\mu F$ connected in series with $1M\Omega$ resistance to be charged up to 80% of the final value?
- 23. With suitable diagram, explain Thevenin's theorem?
- 24. Find the value of load resistor for which maximum power transfer takes place in any network and the value of this maximum power?
- 25. Explain different types of overhead line insulators?
- 26. Write short notes about the methods employed for overvoltage protection in a power system?
- 27. Differentiate between symmetrical and asymmetrical fault in a power system?
- 28. What is the necessity of earthing in a power system?
- 29. Write a short note on insulation co-ordination in a power system?

 $(6 \times 5 = 30)$

PART-D

Answer any three questions. Each question carries eight marks.

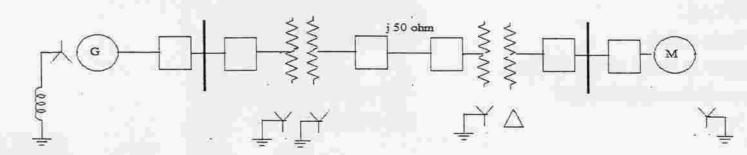
- 30. Define the terms voltage regulation and transmission efficiency? Explain the effect of load on regulation and efficiency?
- 31. With diagram and switching conditions explain florescent lamp wiring?
- 32. Compare dc and ac power transmission?
- 33. The incremental cost characteristics of 2 generators delivering a total load of 200 MW follows; are as

d/dP1(F1)=0.01P1+2;

d/dP1(F2)=0.02P2+1.6.

What should be the values of P1 and P2 for economic operation?

34. Draw the pu reactance diagram for the power system shown in figure. Neglect resistance and use a base of 100 MVA,220kv in 50 Ω line.



The rating of generator, motor and transformers are;

: 40 MVA, 25 kV, X'' = 20%Generator

:50MVA, 11Kv, X'' = 30%Motor

| 1B3N16 | 6130 (Pages :2) | Reg. No Name: . | |
|---------|---|--------------------|------------------|
| | FAROOK COLLEGE (AUTONOMOUS), I | | |
| | Third Semester BVOC Degree Examination, GEC3ES09 - Environmental Sci (2015 Admission onwards) | | 2016 |
| Max. Ti | ime: 3 hours | | Max. Marks: 80 |
| | PART - A | | |
| | I. Answer all questions. Each question carr | ries <i>one</i> ma | ark |
| | | | (14x1=12 marks) |
| 1. | An example of lotic ecosystem | | |
| | a.pond b.lake c.river d.pool | | |
| 2. | If the succession starts from bare water bodies it is calle | d as | |
| | a. allogenic succession b. hydrarch succession | c. xera | arch succession |
| | d. mesarch succession | | |
| 3. | An example for sedimentary cycle. | | |
| | a.Nitrogen cycle b. Carbon cycle c.Sulphur o | cycle | d.Oxygen cycle |
| 4. | Each developmental stage of succession is called | | |
| 41 | a.seral stage b.serule c.pioneer stage | d.clim | ax |
| 5. | The study of individual organisms is called | Α |) 2 ≥≥ 37 - 3 |
| . 16 | a.Ecology b.Autecology c. Synecol | - | d.Ethology |
| 6. | A thin film of water on the soil particle held by surface | | |
| 7 | | opic water | d. water table |
| 7. | Land slides occur in lands | | |
| 8. | Pyramid of energy is always | | |
| 9. | Flow of energy in ecosystem is | | |
| | Number of deaths per unit time is called as | | |
| | Atmosphere contains about % of carbon di | | |
| 14, | Authosphere contains about 70 of carbon di | loxide. | |
| | PART - B | | |
| | II. Answer any seven questions. Each question | carries tw | |
| | | | (7x 2=14 marks) |
| | What is meant by scientific theory? | | |
| | What is the scope of environmental science? | | |
| | Differentiate between mesocoles and xerocoles. | | |
| | What is meant by soil conservation? | | |
| | What are ecological equivalents? | | |
| 18. | What is meant by ecological dominants? | | |

19. Write notes on Guild.

21. Write notes on Estuary.

20. What is meant by Detritus food chain?

PART - C

III. Answer any six questions. Each question carries five marks

(6x5=30 marks)

- 22. What are wind breaks?
- 23. Distinguish between parasitism and predation.
- 24. What is meant by Nitrogen fixation?
- 25. Write notes on the anatomical adaptations of xerophytes.
- 26. Write notes on age structure
- 27. What is meant by Polyclimax Theory
- 28. Rotation of crops
- 29. Primary Productivity

PART - D

IV. Answer any three questions. Each question carries eight marks

(3x8=24 marks)

N 34

- 30. Define ecological succession? Give an account of the general pattern of succession?
- 31. What is meant by ecological pyramid? Describe the different types?
- 32. Write an account on ecological adaptation of halophytes?
- 33. Define Symbiosis? Give an account of various types of interactions among organisms.
- What is meant by scientific method? Describe the various steps of scientific method.

| 1B3N16178 | (Pages:1) | Reg No. | |
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| e tod mouvel e od little Francisch III. | (Luges .1) | Reg. No: | |
| 77.4 | ALL MARKET STATES OF THE STATE | | ************ |
| | ROOK COLLEGE (AUTONOMOUS | | |
| Th | ird Semester B.Voc Degree Examinatio | | |
| | GEC3EG07 (A03) - Inspiring E | xpressions | |
| Man Time Oliman | (2015 Admission onwards |) | |
| Max. Time: 3 hours | | Max | . Marks: 80 |
| | PART A | 713 | 100 |
| | TAKIA | , (" " | |
| I Answer all the question | ons | | 75. |
| | indness" is in form | | |
| Where was the narrat | or living twenty years ago in Maughan | m's "The Lunheon"? | |
| | al's partner in "Karma"? | | |
| 4. Who scolded Hughie | for giving a sovereign to a beggar in ' | "Model Millionaire"? | |
| 5. Keats falls "half in lo | ve with easeful " in " Ode to a | a Nightingale" | |
| Name the painter men "I should be glad of a | ntioned at the outset of the poem "My | Last Duchesss". | 4. |
| 8. Name Ulysses' son in | another death." is the concluding line of | of the poem | |
| 9. The phrase 'Carpe d | | | |
| | the poem "Indian Summer"? | | |
| | order for himself in "The Lunheon"? | | |
| | a synaesthetic image from "Ode to a N | | (1 x 12 |
| | PART B | | Autor con |
| | estions in one or two sentences each | | |
| 13. What was the conditi | on laid down by the Colonel to allow | Hughie's engagement to | Laura? |
| | Milton find at the latter half of the poen | n "On His Blindness"? | |
| 15. How does Ulysses rat | | 1 - 110 | |
| | poesy" viewless in "Ode to a Nighting an end to the smile of the Duchess in | | |
| | convince himself that he could afford | | chean at the |
| Foyot's? | convince ministri that he could arrord | to take his friend for full | incom at the |
| | t the lady is accused of in the opening | of "To His Cov Mistress | "? |
| | d by Lachmi for not travelling in the s | | |
| | stand for in "Indian Summer" | * | |
| 22. How was the neighbor | or informed about the presence of a gh | ost in the house? | (9 x 2= |
| | PART C | | |
| | on any Four of the following. | | |
| | the Journey of the Magi | | |
| | hess in "My Last Duchess" | | |
| | ne title 'Karma' to Kushwant's story. in "Ode to a Nightingale" | | |
| | grandmother in "The Night Ghost Got | In" | |
| 28. Ending of "To His Co | | щ | (4 x 5= |
| | PART D | | (TAU |
| IV Write an essay on an | | | |
| | eon is replete with instances of irony. | Comment. | |
| 30. Marvell argues in ver | se in "To His Coy Mistress". Elucidat | e | 74 |
| | nd "Ulysses" as monologues- dramat | ic and lyrical. | |
| 32. "Millionaires are rare | enough, but model millionaires are ra | arer still" Expand the state | ement with |

| 1B3N16 | 6126 | (Pages : | 2) | Reg. No: | |
|----------|--|---|--------------|-------------------------|--------------------|
| | in James | | d nedle | Name: | |
| | FAROOK | COLLEGE (AUTO) | NOMOUS | , KOZHIKOD | Е |
| | Third Sem | ester BVOC Degree I | Examination | n, November 20 | 16 |
| | SDC3AE0 | 9 - Instrumentation | | | ers |
| Mov. Ti | ime: 3 hours | (2015 Admissio | on onwards) | | Max. Marks: 80 |
| IVIAX. 1 | inic. 5 nours | | | | # PM |
| | | | | | * |
| | | PA | RT –A | | |
| | Answer a | all questions. Each q | uestion ca | rries one marl | « |
| 1. | JFET has three term | inals gate, drain and | | Waste a se | |
| | (a) channel | (b) source (c) | substrate | (d) cathode | |
| 2. | In a PNP transistor | the current carriers a | re | | |
| 2. | (a) acceptor ions | (b) donor ions (c) | free electro | 1.000 | |
| | | N junction | | | |
| 3. | An SCR has | (b) two (c) | three | (d) none of the | nese |
| | (a) one | (6) 146 | ance | (4) 110110 02 11 | 7 |
| 4. | THE RESERVE OF THE PARTY OF THE | s from JFET in the se | | | |
| | (a) channel | (b) gate (c) | PN junctio | n (d) substrate | na nakyah "Sah " |
| 5. | The science of mea | surement is called | · | | |
| 6. | The open loop gain | of an ideal opamp is | | | one complete the |
| | | | | | |
| 7. | The output of inver | ting opamp is | | | |
| 8. | Micrometer and Ve | rnier Caliper are the | examples o | f | method. |
| 9. | Thermocouples are | *************************************** | 7 | | |
| | (a)Passive transduc | er (b) Active transd | ucer (c) B | oth of these (d) | Output transducers |
| 10. | In transmi | ssion the carrier sign | al is modul | ated so that its | amplitude varies |
| 10. | with the changing | amplitudes of the mo | dulating si | gnal | |
| | (a)PWM | (b) FM | (c) PN | | (d) None of these |
| 11 | The number of den | letion layer in a trans | istor is | Marie Tarris Territoria | |
| 11. | (a) one | (b) two | (c) thr | ee | (d) four |
| | *** | | | | |
| 12. | Gauge blocks are n | | (-X1 | ath . | (d) width |
| | (a) weight | (b) height | (c) len | igun | (d) width |

 $(12 \times 1 = 12)$

PART -B

Answer any seven questions. Each question carries two marks.

- Why FET is called a voltage controlled device?
- Draw the symbol of NPN, PNP BJTs.
- What is meant by Pinch off voltage in JFET?
- Draw block diagram of opamp.
- Explain why BJT is called bipolar?
- Define measurand.
- Explain Line method.
- Draw diagram of LVDT.
- Define transducer.

 $(7 \times 2 = 14)$

PART-C

Answer any six questions. Each question carries five marks.

- 22. Explain voltage divider bias method for BJT.
- 23. Define measurement and factors needed for meaningful measurement.
- 24. Explain Operational Amplifier characteristics and its applications.
- 25. Explain BJT as an amplifier.
- 26. Explain the working of n-channel JFET.
- 27. Explain SCR as half wave rectifier and full wave rectifier.
- 28. Explain interpolation and extrapolation method and its use in measurement systems.
- 29. Explain working of MOSFET.

 $(6 \times 5 = 30)$

PART-D

Answer any three questions. Each question carries eight marks.

- 30. Classify and list out various measuring instruments in-detail.
- 31. Explain JFET as an amplifier and its output characteristics.
- 32. Explain CB, CC and CE configurations of BJT in detail.
- 33. Explain working of an opamp as (a) adder (b) subtractor(c) integrator (d) differentiator
- 34. Explain Amplitude modulation and Frequency modulation of a sinusoidal signal.

(3 X8 = 24)

| 1B3N | 16129 | (Page | es :2) | | | | | | | |
|--------|--|--|--|----------------|------------------|--|--|--|--|--|
| | FAROOK COLLEG | F (AIIT | CONOMOUS | Name: | YE | | | | | |
| | | | | | | | | | | |
| | Third Semester BVOC | 355 | | 74 | 016 | | | | | |
| | SDC3IT10 - In | | | | | | | | | |
| Max | Time: 3 hours | 5 Admis | ssion onwards) | | May Markey 90 | | | | | |
| iviax. | Time. 5 nous | | | | Max. Marks: 80 | | | | | |
| | | PAR | RT – A | | | | | | | |
| | Answer all questio | ns. Eac | h question ca | rries one mark | ŧ | | | | | |
| 1. | In an E-R diagram entity type | e repres | ented by | | | | | | | |
| | (A) Rectangle | | Square | | | | | | | |
| | (B) Ellipse | 3 5 | Triangle | St. Barrier | | | | | | |
| 2. | Which of the following is red | | | | | | | | | |
| | (A) Hierarchical model | | The second secon | | | | | | | |
| | (B) Object oriented model | | | | | | | | | |
| 3. | Which of the following is DI |)L com | mand? | | | | | | | |
| | (A) CREATE | | SELECT | | | | | | | |
| | (B) INSERT | | DELETE | | | | | | | |
| 4. | Which of the following com | 2. 7 | | | vs from a table? | | | | | |
| 0.5 | (A) DROP | | TRUNCATE | | 75 HOM a dable. | | | | | |
| | (B) DELETE | 5 5 | SELECT | | | | | | | |
| 5. | In relational model, tuple is | | | | | | | | | |
| J. | (A) Record | 77 | C) File | | | | | | | |
| | (B) Field | | D) Data Base | | | | | | | |
| 6. | An advantage of the data bas | - 7 | | | | | | | | |
| 0. | (A) Elimination of data redu | | | a sacurity | | | | | | |
| | (B) Improve efficiency | | | | | | | | | |
| 7. | | | | | os of a kay | | | | | |
| 1. | In a relation, column whose data values correspond to the values of a key column in another relation is called | | | | | | | | | |
| | (A) Primary key | 15 Curre | (C) Foreig | n key | | | | | | |
| | (B) Candidate key | | (D) super k | 7. | | | | | | |
| 8. | SQL stands for | | (D) Super A | .c.y | | | | | | |
| 0 | (A) Structured Query Language | age | (C) Seguen | tial Query Lan | າຕາເລດອ | | | | | |
| | (B) Structured Question Lan | | | itial Question | | | | | | |
| 9. | Which of the following is an | | Language | | | | | | | |
| 2.0 | (A) AVG | |) COUNT | e. | | | | | | |
| | (B) MAX | 0,5 | O) All of the a | horra | | | | | | |
| 10. | Which database level is close | | a ke assume the contract to | DOVE | | | | | | |
| IV. | (A) External | | | | | | | | | |
| | (B) Physical | | () Internal | í | | | | | | |
| 11 | | The state of the s | D) Conceptua | | | | | | | |
| 11. | In relational model, data and | Telation | | | | | | | | |
| | (A) Collection of table | | | on of records | 2 | | | | | |
| 12 | (B) Collection of attributes | | (D) Collection | | | | | | | |
| 12. | A transaction completes its e | | | 5 | N _e | | | | | |
| | (A) Saved | 81.2 |) Loaded | | | | | | | |
| | (B) Rolled | (D) |) Committed | | | | | | | |

PART - B

Answer any seven questions. Each question carries two marks

| 1 7 | D C DDI | \sim |
|-----|--------------|----------|
| 13. | Define DBM | ~ |
| 10. | DUILLE DDIVI | O |

- 14. Define view of a database
- 15. What is a super key of a relation?
- 16. Define normal form
- 17. Define attribute
- Define data model
- 19. Define DBA
- 20. Define transaction
- 21. What is data redundancy?

7x2=14

PART- C

Answer any six questions. Each question carries five marks

- 22. Explain E-R diagram notation
- 23. Explain 2NF
- 24. Explain the role of DBA
- 25. Explain primary key, candidate key and foreign key
- 26. Explain characteristics of database approach
- 27. Explain trigger
- 28. Explain views in SQL
- 29. What are the disadvantages of file processing system?

6x5 = 30

PART-D

Answer any three questions. Each question carries eight marks

- 30. With a neat diagram, explain the three schema architecture of a DBMS
- 31. Explain advantages and disadvantages of DBMS
- 32. Explain ACID properties of a transaction
- 33. Explain DDL and DML commands
- 34. Explain First Normal Form with an example

3x8 = 24

12x1=12

| 1B3N1 | 6177 | (Pages | :2) Reg. No: | |
|---------|--|------------------|--|--|
| | | | Name: | |
| | FAROOK C | OLLEGE (AUTO) | NOMOUS), KOZHIKODE | |
| | | | xamination, November 2016 | |
| | GEC | 3TW08 - Technic | al Writing & SEO | West Control of the C |
| | | (2015 Admissio | F47 3 | · Logo and all and |
| Max. 1 | ime: 3 hours | | | Max. Marks: 80 |
| | | | | |
| I An | swer the following bunc | hes of Questions | | |
| 1. | The word "communicate | " is from | and the same of th | |
| 1. | a. Greek b) Latin | | d) | |
| 2 | The second secon | | d) none of these | |
| ۵. | a) First b) last | c) secondary | d) none of these | |
| 3 | Language is a | | d) hone of these | |
| | a) Passive b) active | | d) oral | |
| 4. | Antonym for "abolish" is | | d) orar | |
| | a) Accept b) dimini | | d) establish | |
| 5. | Synonym for "courteous" | 5 | , , | |
| | a) Consider b) reveal | | d) discard | |
| 6. | An example of irregular | 0.00 | | |
| | a) Behold b) walk | | d) Look | |
| 7. | The suffix in the word " | | .e | |
| | a) re b) ment | c) re arrange | d) none of these | |
| 8. | The phrase "set aside" n | neans | | |
| | a) postpone b) start | | | |
| 9. | | | vild animals and birds are ke | ept in a |
| | protected area" is | | | |
| 1.0 | a) forest b) nest | | | |
| 10 | . The rise and fall in huma | | | x x |
| 474 | a) syllable b) song | c) stress | d) pitch | Highlannon d |
| 11 | . The word "beseech" mea | | 1860 2010 | |
| 10 | a) placate b) beg | | | |
| 12 | | | rank in an organization is | |
| | a) vertical b) down w | vard c) hor | izontal d) up ward | |
| | | | | $(12 \times 1 = 12)$ |

II. Answer nine of the following in two or three sentences each

- 13. Define 'circular'
- 14. Which are the reflective 'skills'?
- 15. What is intra personal communication?
- 16. Define 'body language'
- 17. What are the distinctions between sales letters and credit letters?
- 18. What is internet?
- 19. What is the distinction between periodical report and special report?
- 20. What is audio visual communication?
- 21. Define extra personal communication?
- 22. Define kinesics?
- 23. I am seeing a man on the road (correct the sentence)

 $(9 \times 2 = 18)$

III Answer any six of the following in a Paragraph of 100 words each

- 24. Barriers to communication
- 25. Importance of Technical Communication
- 26. Soft skills
- 27. Letters of 'quotation' and 'order' ?
- 28. Affixes in English
- 29. Memos and notices
- 30. Limitations of E-mail
- 31. Non verbal communication
- 32. Adjustment letters
- 33. Mass communication
- 34. The art of condensation

 $(6 \times 5 = 30)$

IV Answer any two of the following in not more than 400 words each.

- 35. Write a letter to the editor of a newspaper complaining about the cattle meance in your locality
- 36. Discuss the distinctions between General and Technical Communication
- 37. Describe the various steps in writing an effective report
- 38. Discuss briefly the various uses of search engines in Technical writings.

 $(2 \times 10 = 20)$