QUESTION SET :1

**1. Find out the SIMPLE COST AVERAGE FOR package developed in PASCAL.**

**2. Display the NAMES and AGES of all the programmers.**

**3. Display the NAMES of those who have done the DAP course.**

**4. When the HIGHEST number of copies sold by a package.**

**5. Display the NAMES and DATE OF BIRTH of all programmers born in JANUARY**

**6. Display the LOWEST course fee.**

**7. How many programmers have done the PGDCA course.**

**8. How much revenue has been earned through sale of packages developed in C.**

**9. Display the details of the SOFTWARE developed by RAMESH.**

**10. How many programmers studies at SABHARI.**

**11. Display the details of PACKAGES whose sales CROSSED the 20000 mark.**

**12. Find out the NUMBER OF COPIES, which should be sold in order to recover the DEVELOPMENT COST of each package.**

**13. Display the detail of packages for WHICH development cost has been recorded.**

**14. What is the price of the costliest software developed in BASIC? How many packages were developed in DBASE.**

**15. How many programmers studies in PRAGATHI.**

**16. How many programmers paid 5000 to 10000 for their COURSE. What is the AVERAGE course fee?**

**17. Display the DETAILS of programmers knowing C.**

**18. How many programmers know either COBOL or PASCAL.**

**19. How many programmers DON’T know PASCA: & C.**

**20. How old is the OLDEST male programmer.**

**21. What is the AVERAGE age of female programmers.**

**22. CALCULATE the experience in years for each programmers and display along with the names, in DESCENDING order.**

**23. How many female programmers are there.**

**24. What are the languages known by the male programmers.**

**25. What is the Average salary?**

**26. How many people draw 2000 to 4000.**

**27. Display the details of those WHO DON’T know CLIPPER, COBOL or PASCAL.**

**28. How many FEMALE programmers knowing C are above 24 years of age.**

**29. Who are the programmers who will be celebrating their Birthdays within a WEEK?**

**30. Display the details of those with LESS than a year EXPERIENCE.**

**31. Display the details of those who will be COMPLETING 2 years of service this YEAR.**

**32. CALCULATE the amount TO BE recovered for those package WHOSE development cost has not yet been recovered.**

**33. List the packages, which have not been sold so far.**

**34. Find out the COST of the software developed by MARY.**

**35. Display the institute names FROM the Studies table WITH OUT DUPLICATES.**

**36. How many different courses are mentioned in the studies table.**

**37. Display the names of the programmers whose names contain 2 OCCURENCES of the letter ’A’.**

**38. Display the names of the programmers WHOSE names contain UPTO 5 characters.**

**39. How many female programmers knowing COBOL have more than 2 years Experience.**

**40. What is the LENGTH of the shortest name in the programmer table?**

**41. What is the AVERAGE development cost of a package developed in COBOL?**

**42. Display the name, sex, DOB (DD/MM/YY format), DOJ (DD/MM/YY format) for all the programmers WITHOUT using conversion function.**

**43. What is the amount paid in salaries of the males programmers WHO DON’T know COBOL?**

**44. Who are the programmers WHO WERE BORN on the LAST DAY of the MONTH.**

**45. Display the title, SCOST, DCOST and DIFFERENCE between SCOST and DCOST in DESCENDING or of DIFFERENCE.**

**46. Display the names of the packages WHOSE names contain MORE THAN 1 word.**

**47. Display the name, job of THOSE MONTH of BIRTH and MONTH of JOINING are the SAME.**

QUESTION SET :2

**1. Display THE NUMBER OF packages developed IN EACH language.**

**2. Display THE NUMBER OF packages developed by EACH person.**

**3. Display THE NUMBER OF male and female programmers.**

**4. Display THE COSTLIEST package and HIGHEST SEELING.**

**5. Display THE NUMBER Of people BORN in EACH YEAR.**

**6. Display THE NUMBER OF people JOINED in EACH YEAR.**

**7. Display THE NUMBER OF people BORN in EACH YEAR.**

**8. Display THE NUMBER OF people JOINED in EACH MONTH.**

**9. Displays the language wise COUNT of prof1.**

**10. Displays the language wise COUNT of prof2.**

**11. Display THE NUMBER OF people in EACH salary group.**

**12. Display THE NUMBER OF people WHO studies in EACH institute.**

**13. Display THE NUMBER OF people WHO studies in EACH course.**

**14. Display the TOTAL development COST of the packages developed in EACH language.**

**15. Display the selling cost of the packages developed in EACH language.**

**16. Display the cost of the package developed EACH programmer.**

**17. Display the sales values of the packages developed by EACH programmer.**

**18. Display THE NUMBER of packages sold by EACH programmer.**

**19. Display the sales COST of the packages developed by EACH programmer language wise.**

**20. Display EACH programmer’s name, costliest package & CHEAPEST packages developed by him/her.**

**21. Display EACH language name with AVERAGE development cost, AVERAGE selling cost and AVERAGE price per copy.**

**22. Display EACH institute name with number of courses, AVERAGE cost per course.**

**23. Display EACH institute name with NUMBER of students.**

**24. Display the names of male and female programmers.**

**25. Display the programmer’s name and their packages.**

**26. Display the NUMBER of packages in EACH language EXCEPT C & C++.**

**27. Display the NUMBER of PACKAGES in EACH language for WHICH development COST is LESS than 1000.**

**28. Display the AVERAGE DIFFERENCE BETWEEN SCOST and DCOST for EACH language.**

**29. Display the TOTAL SCOST and DCOST and amount to be recovered for EACH programmer for those WHOSE DCOST has NOT YET BEEN recovered.**

**30. Display HIGHEST, LOWEST and AVERAGE salaries for THOSE earning MORE than 2000.**

QUESTION SET :3

**1. Who is the HIGHEST paid C programmer?**

**2. Who is the HIGHEST paid female COBOL programmer?**

**3. Display the names of the HIGHEST paid programmer for EACH language (prof1).**

**4. Who is the LEAST experienced programmer?**

**5. Who is the MOST experienced male programmer knowing PASCAL?**

**6. Which language is known by ONLY ONE programmer?**

**7. Who is that above programmer?**

**8. Who is the YOUNGEST programmer-knowing DBASE?**

**9. Which female programmer earning MORE than 3000/- DOESN’T know C, C++, Oracle or DBASE?**

**10. Which institute has the MOST NUMBER of students?**

**11. Which course has been done by the MOST of the students?**

**12. Display the name of the institute and course, WHICH has below AVERAGE course fee.**

**13. Which us the COSTLIEST course?**

**14. Which institute conducts the COSTLIEST course?**

**15. Which course has below AVERAGE number of students?**

**16. Which institute conducts the above course?**

**17. Display the names of the course WHOSE fees are within 1000/- (+ or -) of the AVERAGE fee.**

**18. Which package has the HIGHEST development cost?**

**19. Which package has LOWEST selling cost?**

**20. Which language was used to develop the package, which has the HIGHEST sales amount?**

**21. Which language was used to develop the package, which has the HIGHEST sales amount?**

**22. How many copies of the package that has the LEAST DIFFERENCE between development and selling cost, were sold?**

**23. Which is the costliest package developed in PASCAL?**

**24. Which language was used to develop the MOST NUMBER of packages?**

**25. Which programmer has developed the HIGHEST number of packages?**

**26. Who is the author of the COSTLIEST package?**

**27. Display the names of the package, WHICH have sold LESS THAN the AVERAGE number of copies.**

**28. Who are the authors of the package, WHICH have recovered MORE THAN double the development cost?**

**29. Display the programmer names and the CHEAPEST package developed by them in EACH language.**

**30. Display the language used by EACH programmer to develop the HIGHEST selling and the LOWEST selling package.**

**31. Who is the YOUNGEST male programmer born in 1965?**

**32. Who is the OLDEST female programmer WHO joined in 1992?**

**33. In WHICH year were the MOST NUMBER of programmers born.**

**34. In WHICH month did MOST NUMBER of the programmers join.**

**35. In WHICH language are MOST of the programmers proficient.**

**36. Who are the male programmers earning BELOW the AVERAGE salary of female programmers?**

**37. Who are the female programmers earning MORE than the HIGHEST paid male programmer?**

**38. Which language has been started as prof1 by the MOST of the Programmers?**

QUESTION SET :3

**1. Which language has been started as prof1 by the MOST of the programmers.**

**2. Display the details of the software development by the male programmer earning MORE than 3000.**

**3. Display the details of the package developed in PASCAK by female programmers.**

**4. Display the details of those programmers WHO joined BEFORE 1990.**

**5. Display the details of the software developed in DBASE by female programmers of PRAGATHI.**

**6. Display the NUMBER of packages, NUMBER of copies sold and sales value of EACH programme, institute-wise.**

**7. Display the details of the software developed in DBASE by male programmers WHO belong to the institute in WHICH MOST NUMBER of programmer studied.**

**8. Display the details of the software developed by the male programmers born BEFORE 1995 and female programmers AFTER 1975.**

**9. Display the details of the software that was developed in the language that is NOT the programmer’s first proficiency.**

**10. Display the details of the software that was developed in the language WHICH is NEITHER the first NOT the second proficiency of the programmer.**

**11. Display the details of the software developed by the students of SABHARI.**

**12. Display the names of the programmers WHO HAVE NOT developed any package.**

**13. What is the total cost of the software developed by the programmers by APPLE?**

**14. Who are the programmers WHO JOINED on the same day?**

**15. Who are the programmers WHO HAVE the same prof2?]**

**16. Display the total sales value of software, institute wise.**

**17. In which institute did the person WHO developed the COSTILIEST package study.**

**18. Which language lasted in prof1 and prof2 HAS NOT BEEN used to develop any package?**

**19. How many does the person WHO developed the HIGHEST selling package earn and WHAT course did he/she undergo?**

**20. How many months will take for each programmer to recover the cost of the course underwent.**

**21. Which is the COSTILIEST package developed by a person with under 3 years experience?**

**22. What is the AVERAGE salary for those WHOSE software’s sales value is more than 50,000?**

**23. How many packages were developed by students WHO studies in the institute that charge the LOWEST course fee,**

**24. How many packages were developed by the person WHO developed the CHEAPEST package, WHERE did he/she study?**

**25. How many packages were developed by female programmers earning MORE than the HIGHEST paid male programmer.**

**26. How many packages were developed by MOST experienced programmer from BDPS.**

**27. List the programmers (from the software table) and the Institutes they studied, including those WHO DIDN’T develop any package.**

**28. List each prof1 with the number of programmers having that prof1 and the number of packages developed in that prof1.**

**29. List the programmer’s names (from the programmer table) and the no of packages EACH has developed.**

**30. List all the details of programmers who has done a course at SSIL.**