

COURSE : CORE  
PAPER : PERL  
TIME : 1½ HOURS

MAX. MARKS: 50

SECTION – A

ANSWER ALL THE QUESTIONS:

(30x1=30)

CHOOSE THE CORRECT ANSWER:

1. Which of the following operators is used to return a value in a subroutine?  
a) return      b) send      c) give      d) show
2. Which operator can be used to access the first item in an array?  
a) shift      b) start      c) right\$      d) left\$
3. Which of the following operators work most like simple searching/pattern matching?  
a) /f      b) /g      c) s///      d) m//
4. In Perl, which switch is used for printing out warnings about typographical errors in your script?  
a) -P      b) -W      c) -p      d) -w
5. In Perl, which of the following are file handles?  
a) stdquit      b) C&D      c) stdin      d) stdout
6. Which of the following is used in perl?  
a) else if      b) elseif      c) elsif      d) elif
7. Which escape character is used for identifying a word character?  
a) \s      b) \d      c) \w      d) \n
8. Which of the following statement repeats a statement or group of statements until a given condition becomes true. It tests the condition before executing the loop body?  
a) while      b) until      c) for      d) None of the above
9. When the “require” function loads?  
a) Runtime      b) Compile time      c) Both      d) None
10. Select the option which allows the user to scroll through the entire program line by line in Perl.  
a) Using the strict pragma      b) Using the built-in debugger  
c) Using the string pragma      d) Using the built-in error

11. What will be the value in the variable \$a after these two statements: \$a = "Happy";  
\$a = "Sunday";?  
a) "Happy Sunday"    b) "HappySunday"    c) "Happy"    d) "Sunday"
12. When a string is used for numeral computations, perl converts it into  
a) character    b) floating point number    c) number    d) boolean value
13. Command line arguments in Perl are stored in?  
a) Array    b) Scalar    c) Resource    d) Hash
14. What is '->' symbol?  
a) Postfix dereference operator    b) Prefix dereference operator  
c) Infix dereference operator    d) None of this
15. What will display the list of warning messages regarding the code?  
a) Using the built-in debugger    b) None of them  
c) The -w Command-line argument    d) Strict pragma
16. The operative system used for PERL  
a) Linux platform    b) Windows Platform  
c) Cross platform    d) dynamic platform
17. Latest version of PERL  
a) 5.0    b) 5.3    c) 5.4    d) 5.30.3
18. The sister language of PERL is  
a) PERL 5    b) Bioperl    c) PERL 6    d) Strawberry PERL
19. Symbol for PERL  
a) Onion    b) Camel    c) Rapter    d) All the above
20. Perl is often used as a glue language, because  
a) tying together systems  
b) interfaces that were not specifically designed to interoperate,  
c) for "data munging"  
d) All the above
21. Perl environment for MS Windows is  
a) Orio PERL    b) Strawberry Perl    c) Bioperl    d) MoarVM
22. Bug reports of Bioperl available at  
a) github    b) bioperl.org    c) metacpan    d) POD
23. Which value specifies a transition effect with a slow start, then fast, then end slowly?  
a) ease    b) linear    c) ease-in    d) ease-out
24. What gives the full path to CGI script?  
a) script\_filename    b) script\_name  
c) server\_name    d) request\_method

25. How you will declare an array in Perl script?  
a) @[ ]      b) #      c) a[ ]      d) array(a)
26. Which escape character is used for identifying a word character?  
a) \s      b) \d      c) \w      d) \n
27. For extracting a substring, \_\_\_\_\_ function is used.  
a) string      b) index      c) substr      d) length
28. Perl was developed in  
a) 1967      b) 1977      c) 1987      d) 1997
29. Perl is acronym of  
a) Part Extraction and Report Language      b) Practical Extraction and Read Language  
c) Practical Extraction and Report Language      d) Practical Extra and Roll Language
30. The printf format "%6.2f" displays a number ...  
a) At least six columns wide in total, with two figures after the decimal place  
b) Exactly six digits before the decimal place, and two digits after  
c) At least six digits before the decimal place, and two digits after  
d) Exactly six columns wide in total, with two figures after the decimal place

## SECTION – B

**ANSWER ANY TWO**

**(2x10=20)**

31. Describe the salient features of PERL 5 version. What are the advanced features available in PERL 5 than other PERL version?
32. Elaborate the programming comments used for file handling in PERL
33. Describe the installation procedure and uses of BIOperl
34. Describe in detail about the comment used for PERL for Common Gateway Interface

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