

Dwarka International School
Sector-12, Dwarka, New Delhi-110078

Question Bank – Class VII

I Short answer type Questions:

- (i) What is Formula? Explain with the help of examples.
- (ii) Differentiate between Basic Formula and Compound Formula.
- (iii) What is concatenation? Explain with an example.
- (iv) What is Range?
- (v) What is Autosum?
- (vi) Write the steps to rename a sheet tab.
- (vii) Explain the functionality of the following common functions.
(a) Max() (b) Today()
- (viii) What is BEDMAS?
- (ix) Write is the full form of QBasic? Who developed QBasic.
- (x) Write the different ways to run a QBasic Program.
- (xi) Explain the use of END-IF statement with the help of an example.
- (xii) What are conditional control statements?
- (xiii) What is Social Networking?
- (xiv) Write a short note on Microblogging.
- (xv) What is OneDrive?
- (xvi) What is Cloud computing?
- (xvii) Write a short note on Twitter.
- (xviii) What is Internet Forum?
- (xix) Differentiate between Malware and Spyware.
- (xx) What precautions we can take to prevent Virus infection?
- (xxi) What is Trojan Horse?

II Long Answer Type Questions:

- (i) What is Cell reference? Briefly explain all types of Cell References.
- (ii) What are functions? What are the rules to enter a function?
- (iii) What is database? What does database contain?
- (iv) What is form? Write its silent features.
- (v) Differentiate between Sorting and Filtering
- (vi) Write a short note on QBasic Language.
- (vii) Write the steps to write a QBasic Program in QB64.
- (viii) What are constants? Briefly explain the types of constants.
- (ix) What are variables? Briefly explain the types of variables.
- (x) Categorise the following operators as Arithmetic Operators, Relational Operators and Logical Operators

`*`, `<`, `>=`, `=`, `/`, `-`, `And`, `+`, `<>`, `^`, `NOT`, `>`, `OR`

Arithmetic Operators	Relational Operators	Logical Operators

- (xi) Explain the following QBasic statements
 - (i) REM
 - (ii) LET
 - (iii) PRINT
 - (iv) END
 - (v) INPUT
- (xii) Explain the IF...THEN statement with the help of an example.
- (xiii) Briefly explain the conditional IF...THEN...ELSE statement with example.
- (xiv) What is Email? Briefly explain the E-mail Address.
- (xv) What is Virus? What are the symptoms of Virus?
- (xvi) Briefly explain the types of Viruses.
- (xvii) What is Antivirus? What are the common functions it perform?

QBASIC PROGRAMS

Write the QBasic programs for the following:

- (a) Calculate total marks and percentage of all 5 subjects in, if percentage of the students in Class X is greater than 80, print "You are selected for Science Stream" else print "You can Choose either Commerce stream or Humanities Stream".

- (b) To check whether a number entered is positive, negative or zero.

- (c) To print the Days of the Week, input the digit from the user (1-7). If the user enters 1- print "Today is Sunday", if -2 print "Today is Monday" etc.

- (d) Calculate the discount amount on the basis of Bill Amount.
If Amount is less than 2500- No Discount
If Amount is greater than 2500- 20% Discount
If Amount is greater than 5000-30% Disount
Else Discount 40%

- (e) To print the Division of a student, based on the marks scored.
If Marks greater than 60 then print "First Division"
Elseif Marks greater than 50 then print "Second Division"
Elseif Marks greater than 40 then print "Third Division"
Else Print "Fail"