



**CLASS 9th**

**SYLLABUS AND SAMPLE QUESTION PAPER**

**SYLLABUS**

*The Actual Question Paper contains 40 questions divided into 3 Sections. Section A contains 30 questions, Section B contains 3 questions and Section C contains 7 questions.  
The duration of the test paper is 60 Minutes.*

**Section A (Computer Science)** : Characteristics of Computer and other Devices; Understanding Programming languages; Operating Systems; Computer and Communication; MS-Word; MS-Excel; *Chapter* MS-Power Point

**Section B (Daily Mathematics)** : Percentage; Interest; Average; Time; Fraction; Distance & Work

**Section C (Mental ability & Reasoning)** : Relationship; Finding odd ones; Age; Matching Series

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**SECTION A : COMPUTER SCIENCE**

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1. Which device is capable of recognizing a pre-specified type of *mark with pencil*?  
(A) OMR                      (B) OCR                      (C) MICR                      (D) Light Pen

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2. \_\_\_\_\_ allows two or more users to run programs simultaneously. Some operating systems permit hundreds or even thousands of concurrent users.  
(A) Multi-user                      (B) Multiprocessing                      (C) Multitasking                      (D) Multi-threading

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3. Expand CDMA in terms of Telecommunication?  
(A) Common Dynamic Mobile Access                      (B) Code Device Method Analysis  
(C) Code Division Multiple Access                      (D) Communication Division Multiple Access

4. Which statement is NOT true about *Interpreter*?

- (A) Interpreter is slower than compiler.
- (B) Interpreter translate High Level Language codes into Machine code at once
- (C) Interpreter occupies more memory than compiler.
- (D) None of these

5. Which one of the following is the communication Software?

- (A) MS-Access
- (B) MS-Outlook
- (C) MS-Word
- (D) MS-Paint

6. Which statement(s) is TRUE about MODEM?

- (A) It converts digital signal to analog.
- (B) It converts analog signal to digital.
- (C) Both (A) and (B)
- (D) None of these

7. Which Function key is used for getting help in most of the Windows based software?

- (A) F1
- (B) F10
- (C) F11
- (D) F12

8. What is the extension of a MS-Excel file?

- (A) .EXL
- (B) EXCL
- (C) .XLS
- (D) .XL

9. How many Rows are available in a MS-Excel Work Sheet.

- (A) 65530
- (B) 65536
- (C) 65534
- (D) 65535

10. On which part of the *chart* the numeric data is displayed?

- (A) The y-axis
- (B) The x-axis
- (C) Any of (A) or (B)
- (D) The Title Area

11. What is the shortcut key to popup '*Format Cells*' dialogue box in MS-Excel?

- (A) Ctrl + 1
- (B) Ctrl + 2
- (C) Ctrl + T
- (D) Ctrl + 3

12. The file extension of the MS-Power Point file is :

- (A) .PPF
- (B) .PTP
- (C) .DPP
- (D) .PPT

13. In which menu would you find '*Custom Animations...*' in MS-Power Point?

- (A) EDIT Menu
- (B) View Menu
- (C) Slide Show Menu
- (D) File Menu

**SECTION-B : DAILY MATHEMATICS**

14. Two candidates contested for a post at an election. 70 votes were declared as invalid. The victorious candidates secured 55% votes and won the election by 90 votes. Total number of votes polled is:

(A) 475                      (B) 565                      (C) 970                      (D) 1270

15. If the compound interest on a certain sum of money for 2 years is Rs. 2700 and the simple interest on the same sum for the same period is Rs. 2500, the rate of interest will be:

(A) 16 percent              (B) 10 percent              (C) 18 percent              (D) 24 percent

**SECTION-C : MENTAL ABILITY AND REASONING**

16. Day after tomorrow is my birthday. On the same day next week falls 'Holi'. Today is Monday. What will be the day after 'Holi'?

(A) Wednesday              (B) Thursday              (C) Friday                      (D) Saturday

17. Pointing to a photograph, a woman said, "She is the only daughter of my mother's father." How is the woman related to the person in the photograph?

(A) Mother                      (B) Grand Mother  
(C) Daughter                      (D) Cannot be determined

18. Which figure fits next in the sequence given below.

**A N S W E R S**

1. (A)      2. (A)      3. (C)      4. (B)      5. (B)      6. (C)      7. (A)  
8. (C)      9. (B)      10. (A)      11. (A)      12. (D)      13. (C)      14. (C)  
15. (A)      16. (B)      17. (C)      18. (C)