



CLASS 10th

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) : The World of Internet; World Wide Web; Internet Usage; HTML(Hyper Text Markup Language); MS-Access

Section B (Daily Mathematics) : Percentage; Interest; Algebra; Log; Surface Area & Volume; Time, Distance & Work

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

SECTION A : COMPUTER SCIENCE

1. What does TCP stands for?

- | | |
|-----------------------------------|-----------------------------------|
| (A) Transmission Central Protocol | (B) Transmission Control Protocol |
| (C) Transparent Central Protocol. | (D) Transparent Control Protocol. |

2. In URL, '<http://www.technology.com/machine/pic.htm>', *technology* is a :

- | | |
|-------------------------|------------------------|
| (A) Protocol | (B) Host computer name |
| (C) Second level domain | (D) Top-level domain |

3. Which one of the following is the correct HTML Tag sequence?

- (A) <HEAD><TITLE></TITLE></HEAD>
(B) <TITLE><HEAD></HEAD></TITLE>
(C) <HEAD></HEAD><TITLE></TITLE>
(D) <TITLE></TITLE><HEAD></HEAD>

4. <DD> tag in HTML :

- (A) Defines a data table row (B) Defines a data definition
(C) Defines a definition description (D) None of these

5. Which one is the most common format for photographs in Internet?

- (A) GIF (B) MPEG (C) JPEG (D) BMP

6. How can you make an e-mail link?

- (A) <mail href="xxx@yyy.com"> Email </mail> (B) <mail>xxx@yyy.com</mail>
(C) Email (D) Email

7. <! -- --> tag is used for:

- (A) Image (B) Hyper linking (C) For comment text (D) Invalid Tag

8. What is the correct HTML for inserting a background image?

- (A) <background img="background.gif"> (B) <body background="background.gif">
(C) (D) <body src="background.gif">

9. Which of the following attribute is used to control the speed of the moving text in <Marquee> Tag?

- (A) speed (B) speed-rate (C) rate (D) scrollamount

10. tag is used to change attributes of text. These attributes are:

- (A) Color and Size (B) Size and Face (C) Color, Face and Size (D) Only Color

11. To display an image into a HTML page, which one of the following is the correct syntax?

- (A) (B) <image source ="First.gif">
(C) <image ="First.gif"> (D)

12. In MS-Access, primary key is used to:

- (A) Identify each row of a table
(B) Relate tables to each other using foreign key
(C) Maintain reference and referential integrity
(D) All of the above

SECTION-B : DAILY MATHEMATICS

13. If $\text{Log}_{10} m + \text{Log}_{10} n = \text{Log}_{10} (m + n)$ and $m = 7$, then the value of n is:

- (A) 5 (B) — (C) — (D) —
-

14. Krishna is building a mall with 20 stores, each 20 by 35 feet. The mall has one hallway with dimensions of 100 by 20 feet. What is the mall's square footage?

- (A) 18,000 (B) 16,000 (C) 6,000 (D) 2,000
-

SECTION-C : MENTAL ABILITY AND REASONING

15. There is a link/ relation among each number in the sequence given below. What will be the value for question mark(?), if we continue the sequence?

- (A) 562 (B) 1018 (C) 2024 (D) 2048
-

16. Daya has a brother Anil. Daya is a son of Chandra. Biman is Chandra's father. In terms of relationship, what is Anil of Biman?

- (A) Grandfather (B) Brother (C) Grandson (D) Son
-

17. Which figure would fit the question mark?

Question Figure :



Option Figure :



(A)



(B)



(C)



(D)

A N S W E R S

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