

**INTERNATIONAL TALENT SEARCH EXAMINATION
2024 - 2025 PRACTICE PAPER**

**CLASS- X
SUBJECT- COMPUTER**

1. **Who is the father of Computers?**
 - a) James Gosling
 - b) Charles Babbage
 - c) Dennis Ritchie
 - d) Bjarne Stroustrup

2. **Which of the following is the correct abbreviation of COMPUTER?**
 - a) Commonly Occupied Machines Used in Technical and Educational Research
 - b) Commonly Operated Machines Used in Technical and Environmental Research
 - c) Commonly Oriented Machines Used in Technical and Educational Research
 - d) Commonly Operated Machines Used in Technical and Educational Research

3. **Which of the following is the correct definition of Computer?**
 - a) Computer is a machine or device that can be programmed to perform arithmetical or logic operation sequences automatically
 - b) Computer understands only binary language which is written in the form of 0s & 1s
 - c) Computer is a programmable electronic device that stores, retrieves, and processes the data
 - d) All of the mentioned

4. **What is the full form of CPU?**
 - a) Computer Processing Unit
 - b) Computer Principle Unit
 - c) Central Processing Unit
 - d) Control Processing Unit

5. **Which of the following language does the computer understand?**
 - a) Computer understands only C Language
 - b) Computer understands only Assembly Language
 - c) Computer understands only Binary Language
 - d) Computer understands only BASIC

6. **Which of the following computer language is written in binary codes only?**
 - a) pascal
 - b) machine language
 - c) C
 - d) C#

7. **Which of the following is the brain of the computer?**
 - a) Central Processing Unit
 - b) Memory
 - c) Arithmetic and Logic unit
 - d) Control unit

8. **Which of the following is not a characteristic of a computer?**
 - a) Versatility
 - b) Accuracy
 - c) Diligence
 - d) I.Q.

9. **Which of the following is the smallest unit of data in a computer?**
 - a) Bit
 - b) KB
 - c) Nibble
 - d) Byte

10. **Which of the following unit is responsible for converting the data received from the user into a computer understandable format?**
 - a) Output Unit

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- b) Input Unit**
- c) Memory Unit**
- d) Arithmetic & Logic Unit**

11. "One thing in many different forms " goes with the OOPS concept

- a. Polymorphism**
- b. Encapsulation**
- c. Abstraction**
- d. Inheritance**

12. The concept of Abstraction is

- a. Binding data and functions together**
- b. Hiding inner complexity and providing usable interfaces**
- c. Reusing of the code**
- d. Making methods constant**

13. Java supports

- a. Single Inheritance**
- b. Multilevel Inheritance**
- c. Multiple Inheritance**
- d. Both a and b**

14. The default access specifier for a method of a class

- a. Private**
- b. Public**
- c. Package**
- d. Protected**

15. Which of the following methods belong to the String class?

- a. length ()**
- b. substring ()**
- c. compare To ()**
- d. all of the them**

16. A bundle of similar classes is called a

- a. Package**
- b. Packed classes**
- c. Group**
- d. None**

17. A static method is also called a:

- a. Instance function**
- b. Defined function**
- c. Class method**
- d. Fixed function**

18. Code reuse is implemented by :

- a. Abstraction**
- b. Function overloading**
- c. Inheritance**
- d. Polymorphism**

19. Which of the following are not keywords?

- a. NULL**
- b. Protected**
- c. Implements**
- d. None of the above**

20. Which of the following statements are true?

- a. An abstract class may not have any final methods?**
- b. A final class may not have any abstracts methods.**

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- c. Transient variables must be static.
- d. All of the above

21. A class is accessible both inside and outside a package

- a. public
- b. protected
- c. open
- d. All

22. A class is a

- a. Primitive data type
- b. User defined data type
- c. User defined derived data type
- d. Derived data type

23. Encapsulation means

- a. Binding of all functions together
- b. Adding a function to a class
- c. Deleting a method from a class
- d. None of the above

24. tag makes the enclosed text bold. What is other tag to make text bold?

- a.
- b. <dar>
- c. <black>
- d. <emp>
- e. None of these

25. How can you make a bulleted list?

- a. <list>
- b. <nl>
- c.
- d.
- e. None of these

26. Choose the correct HTML tag for the smallest size heading?

- a. <heading>
- b. <h6>
- c. <h1>
- d. <head>
- e. None of these

27. What does vlink attribute mean?

- A) Visited link
- B) Virtual link
- C) Very good link
- D) Active link
- E) None of these

28. To create HTML document you require a:

- A) web page editing software
- B) High powered computer
- C) Just a notepad can be used
- D) All of these
- E) None of these



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29. Which of the following HTML code is valid?

- A) ``
- B) ``
- C) `<red>`
- D) All of above are style tags
- E) None of these

30. Which of the following statements is NOT true in case of Flash?

- A) Flash files loads faster than animated GIF images.
- B) It is a free software.
- C) It allows interactivity compared to animated images.
- D) It does not require significant programming skills.

31. Which of the following operations can be applied to layers?

- A) You can change the position and order of layers.
- B) You can delete layers.
- C) You can add layers.
- D) All of these

32. Which of the following operations performs the following tasks?

- (i) Generate the compressed version of your file with swf extension.
- (ii) Generate an HTML document that activates swf files and specifies browser settings.

- A) Font Mapping
- B) Publish
- C) Snapping
- D) Magnification

33. You can scale, rotate and change the direction of the gradient fill in an object using the ___ tool.

- A) Gradient Transform
- B) Gradient Fill
- C) Polystar
- D) Free Transform

34. Which of the following is NOT a part of the Pen Tool flyout?

- A) Add Anchor Point Tool
- B) Delete Anchor Point Tool
- C) Pin Anchor Point
- D) Convert Anchor Point Tool

35. In ___ layers, you can create strokes that acts as a path for instances, groups or text to be followed.

- A) Guide
- B) Flip
- C) Both [A] and [B]
- D) None of these

To slow in and slow out the speed of an object in an animation, use ___.

- A) Flipping
- B) Curving
- C) Tweening
- D) Easing

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36. The default frame rate in Flash is ___ fps.
- A) 18
 - B) 24
 - C) 30
 - D) 36
37. When you use geometrical primitives such as lines, curves, points and shapes to create graphics, you are using ___ graphics.
- A) Raster
 - B) Linear
 - C) Vector
 - D) Collateral
38. Which of the following is NOT a filter type?
- A) Bevel
 - B) Gradient Glow
 - C) Gradient Shadow
 - D) Gradient Bevel
39. You have created a shape on stage, now you want to add a filter effect to it. How would you do so?
- A) Convert the shape to Graphic symbol → Select the symbol → Go to Properties tab → Filter → Click on Add filter → Select the desired effect.
 - B) Convert the shape to Movie Clip symbol → Select the symbol → Go to Properties → Filter → Click on Add filter → Select the desired effect
 - C) Convert the shape to Graphic symbol → Select the symbol → Go to Modify tab → Filter → Click on Add filter → Select the desired effect.
 - D) Convert the shape to Movie Clip symbol → Select the symbol → Go to Edit tab → Filter → Click on Add filter → Select the desired effect
40. To maintain a constant orientation of an object with respect to its path, use the ___ check box in the Properties window of Motion Tween.
- A) Scale
 - B) Snap
 - C) Orient to path
 - D) Sync
41. What would happen when you select a line of text and then go to Modify tab and select "Break Apart" option?
- A) The text block will get broken into multiple text blocks to edit each character separately.
 - B) The text block will get broken into two parts and each part will get assigned to a separate layer.
 - C) The animation or any effect applied to the text will get removed.
 - D) The text will get copied to all existing layers.
42. A binary variable can take values:
- A) 0 only
 - B) 1 and 0
 - C) 0 and 1
 - D) 2 only
 - E) None of these
43. Truth table is way of expressing:
- A) boolean function
 - B) boolean Operators
 - C) boolean addition

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- D) boolean subtraction
- E) None of these

44. A Boolean function may be transformed into:

- A) logical diagram
- B) logical graph
- C) matrix
- D) All of these
- E) None of these

45. $X.X1$ is equal to:

- A) 1
- B) 0
- C) X
- D) X1
- E) None of these

