



Minervaa International Scholarship Examinations

Sample Question Paper

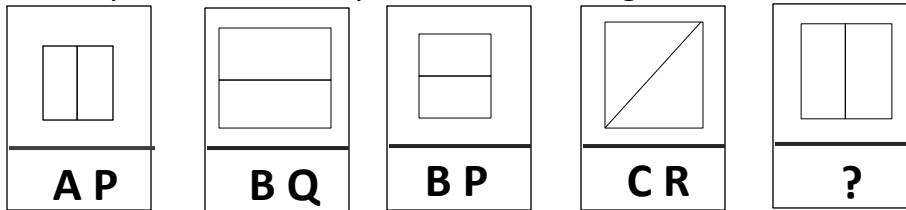
Class- IX

Subject- Computer



LOGICAL REASONING

1. Which pair of letters represent the last figure?



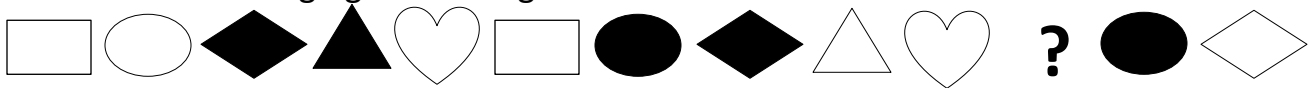
a) AR

b) CP

c) BR

d) AQ

2. What is the missing figure in the given series?



a)

b)

c)

d)

3. A dice is thrown 24 times. How many times do you expect the number '4' to come up?

a) 6 times

b) 24 times

c) 4 times

d) 12 times

4. If TABLE is coded as UBCMF, what is CHAIR coded as?

a) DIBJS

b) DIBKR

c) DBHJS

d) DIBJR

5. A man walks 20 m north, then turns left and walks 30 m, then again turns left and walks 20 m. He then turns right and walks 15 m. In which direction is he from the starting point?

a) North-West

b) South-West

c) North-East

d) South-East

COMPUTER

6. Which of the following tasks is NOT performed by an operating system?

a) Managing hardware

b) Interpreting Java code

c) File system management

d) Handling multitasking

7. Which protocol ensures secure data transfer over websites?

a) FTP

b) HTTP

c) HTTPS

d) SMTP

8. What is the best definition of plagiarism in digital content?

a) Downloading files from the internet

b) Using others' content without credit

c) Copying images from Google

d) Accessing social media at work

9. In scratch, which block type is used to repeat a set of instructions?
a) Motion b) Event c) Control d) Sound
10. Which feature automatically detects and corrects typing errors as you type?
a) Spell Check b) Grammar Tool
c) AutoCorrect d) WordArt
11. Which of these functions returns the position of a value in a range?
a) VLOOKUP b) MATCH c) INDEX d) FIND
12. What will be the output of the following Java code?
`int x = 10; System.out.println(x++ + ++x);`
a) 21 b) 22 c) 20 d) 23
13. What will =IF (A1>10, "High", "Low") return if A1 contains 10?
a) High b) Low c) 10 d) Error
14. Which of the following is a real-time operating system?
a) Windows 10 b) Linux c) RTLinux d) macOS
15. Which of the following is considered unethical in computing?
a) Creating backups b) Installing antivirus
c) Pirating software d) Updating software
16. What does the term 'plagiarism' refer to in digital content?
a) Creating original content b) Copying content without credit
c) Sharing content legally d) Encrypting content
17. Which of the following is a strong password?
a) 123456 b) password c) Qwerty123 d) P@ssw0rd!
18. Which act protects software from unauthorized copying?
a) Patent Act b) Trademark Act
c) Copyright Act d) Consumer Protection Act
19. What is a 'sprite' in Scratch?
a) A background image b) A sound effect
c) A character or object d) A code block
20. Which feature in PowerPoint allows you to apply effects when moving from one slide to another?
a) Animation b) Transition c) Design d) Layout
21. Convertible laptops fall into the category of _____ laptops?
a) Analog b) Hybrid c) Stationary d) Traditional

22. What is the primary purpose of using an array in programming?

- a) Storing a single value
- b) Organizing data in structured way
- c) Defining a loop structure
- d) Performing mathematical calculations

23. Identify the following with respect to MS-Word 2010:

- You can access this feature from 'Save & Send' option of 'File' tab.
 - It creates an e- mail that contains a link to the current document if the document is saved in a shared location.
 - Everyone can work on the same copy of the document with the latest changes.
- a) Send Address
 - b) Send Location
 - c) Send Attachment
 - d) Send a Link

24. Analyze the following HTML code:

```
<div id="container">
  <p class="intro">Welcome to the website</p>
  <ul>
    <li>Home</li>
    <li>About</li>
    <li>Contact</li>
  </ul>
</div>
```

What is the purpose of the provided HTML code?

- a) Displaying a list of items with links
- b) Defining a container with an ID of "container"
- c) Setting the background color of the page
- d) Creating an image gallery

25. Nisha wants to encrypt sensitive data on her USB drive to prevent unauthorized access. Which Windows feature provides full-disk encryption and is suitable for securing removable drives?

- a) Windows Defender Antivirus
- b) BitLocker To Go
- c) AppLocker
- d) Credential Guard

26. Consider the following JavaScript code:

```
function reverseString(str) {
  return str. split(' '). Reverse ( ). Join ( ' ' );
}

var result = reverseString ("Hello, World!");
console . log(result) ;
```

What will be the output of the JavaScript code?

- a) "!dlroW ,olleH"
- b) "Hello, World!"
- c) "dlroW ,olleH!"
- d) "!dlroW ,olleH!"

35. Manas has built a new office which spans 4 floors in a commercial building. However, while building the office, he did not cater to networking requirements for his office — to connect all computers, printers, and internet such that all vital resources could be shared. Hence, internal cables for networking were not laid. Now he wants to set up a networked office. He was suggested that he should set up a Wireless network. Which of the following technologies should he use?
- a) Bluetooth b) Infrared c) Wi-Fi d) ISDN
36. _____ cables are used to connect a computer to a switch or a hub. _____ cables are used to connect two computers directly with one another.
- a) Patch, Optical b) Crossover, Co-axial
c) Patch, Crossover d) Cord, Co-axial
37. What part of the operating system loads first and remains in memory?
- a) Driver b) Shell c) Kernel d) Bootloader
38. Which of the following is used to convert domain names to IP addresses?
- a) DHCP b) FTP c) DNS d) URL
39. A student installs cracked software on the school computer. This act is:
- a) Ethical and legal b) Unethical but legal
c) Ethical but illegal d) Unethical and illegal
40. Which option will help apply the same formatting to multiple slides quickly?
- a) Slide Master b) Transition c) Layout d) Rehearse Timings
41. Which type of website attack involves deceiving a user into revealing personal information?
- a) Cracking b) Spoofing c) Phishing d) Spamming
42. All the following statements are true about variable names except one. Identify it:
- a) The first character of a variable name must be a letter
b) They may include letters, numbers and underscore (_)
c) There is no upper limit for the length of a variable name
d) You cannot use a reserved word
43. _____ port is a laptop technology by which it can capture, display, and record full-frame video in real-time from various input devices such as digital movie cameras.
- a) VGA b) ZV c) USB d) PS/2
44. Why do multimedia files occupy more space compared to other files?
- a) Due to presence of text in multimedia content.
b) Due to presence of sound and picture files in multimedia content.
c) Multimedia content is created by complex software.
d) Due to multimedia content is created using C/C++ programming languages.

45. What is the binary representation of decimal number 25?

- a) 01010101 b) 00011001 c) 11001100 d) 01100110

46. Which of the following is correct to change font face in Web Page using HTML?

- a) < font = "font name" > ... < /font >
b) < font name = "font name" > ...< /font >
c) < font face = "font name" > ... < /font >
d) Font Face cannot be changed using HTML

47. Which of the following is FALSE with reference to cell editing in MS Excel?

- a) Edit the cell by double clicking the cell where the content is located
b) Select the cell and press the F2 function key on the keyboard to edit the content of the cell
c) Select the cell, click on the formula bar and edit the content
d) Click the cell and press the F5 function key on the keyboard to edit the content of the cell

48. Which of the following defines the portrait orientation in MS-Word 2013?

- (1) The height of the page is greater than the width.
(2) The width of the page is greater than the height.
(3) The page has equal width and height.
(4) The page has the default margins.

- a) Both 2 and 4 b) Only 3 c) Both 1 and 4 d) Only 2

49. Sajal created a PowerPoint presentation on his Physics project which he wants to present to his class. Sajal wants to add some additional point (not present in the slides) to help him remember what he wants to say in each slide. Which PowerPoint feature is best suited for this purpose?

- a) Master Slides b) Comments c) Notes d) Track Changes

50. Identify category of Operating System with the help of the description given below:

1. It is an operating system that guarantees a certain capability within a specified time constraint
2. It is an operating system intended to serve real-time applications that process data as it comes in, typically without buffer delays
3. In this type of Operating System, the response is guaranteed within a specified timing constraint

- a) Mac Operating System b) Real Time Operating System
c) Distributed Operating System d) Open Source Operating System
-

ANSWER KEY

1. a	2. a	3. c	4. a	5. a	6. b	7. c	8. b	9. c	10. c
11. b	12. b	13. b	14. c	15. c	16. b	17.d	18. c	19. c	20. b
21. b	22. b	23.d	24. b	25. b	26. a	27. c	28. b	29. c	30. c
31. b	32. b	33. a	34. a	35. c	36. c	37. c	38. c	39. d	40. a
41. c	42. c	43. b	44. b	45. b	46. c	47. d	48. c	49. c	50. b