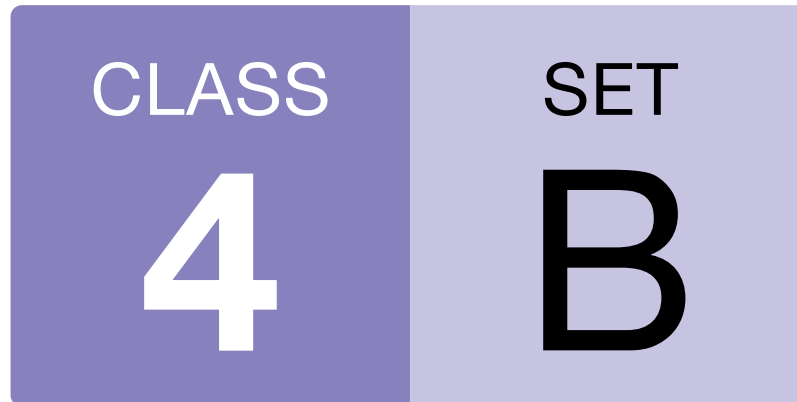




Total Questions : 35

Time : 1 hr.

Guidelines for the Candidate

1. You will get additional ten minutes to fill up information about yourself on the OMR Sheet, before the start of the exam.
2. Write your **Name, School Code, Class, Section, Roll No.** and **Mobile Number** clearly on the **OMR Sheet** and do not forget to sign it. We will share your marks / result and other information related to SOF exams on your mobile number.
3. The Question Paper comprises four sections:

Logical Reasoning (5 Questions), **Computer Science** (20 Questions), **Information Technology** (5 Questions) and **Achievers Section** (5 Questions).

Each question in Achievers Section carries 2 marks, whereas all other questions carry 1 mark each.

4. All questions are compulsory. There is no negative marking. Use of calculator is not permitted.
5. There is only ONE correct answer. Choose only ONE option for an answer.
6. To mark your choice of answers by darkening the circles on the OMR Sheet, use **HB Pencil** or **Blue / Black ball point pen** only. E.g.

Q.16: _____ means to hold down the left mouse button while you move the mouse pointer to a new place.

- A. Single click B. Double click C. Dragging D. Left click

As the correct answer is option C, you must darken the circle corresponding to option C on the OMR Sheet.

16. (A) (B) (C) (D)

7. Rough work should be done in the blank space provided in this booklet.
8. Return the OMR Sheet to the invigilator at the end of the exam.
9. Please fill in your personal details in the space provided before attempting the paper.



DO NOT OPEN THIS BOOKLET UNTIL ASKED TO DO SO

Name:.....

SOF Olympiad Roll No.:..... Contact No.:.....

LOGICAL REASONING

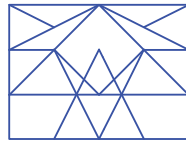
- 1 The codes for some letters are given below.

Letters	S	T	H	V	W	A	X	E	P	M
Codes	@	*	\$	←	3	↓	#	↑	©	%

Find the code for **SHAPE**.

- A. @%↓©↑ B. @\$↓©↑ C. @\$↑©↑ D. @\$↓©↓

- 2 Select a figure from the options which is exactly embedded in the given figure as one of its parts.



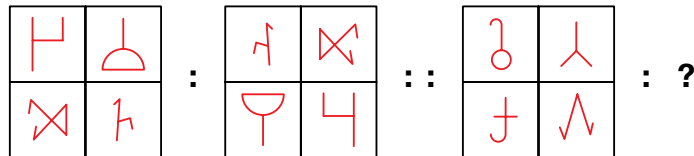
- A. B. C. D.

- 3 If the given alphabets are arranged in reverse order, then which letter will be 3rd to the right of 5th letter from the left end?

T P Q L M N S U R K J Z X Y A

- A. X B. U C. R D. J

- 4 There is a certain relationship between the pair of figures on the either side of ::. Identify the relationship on the left pair and find the missing figure.



- A. B. C. D.

- 5 If the day after tomorrow will be Saturday, then what will be 9th day from today?

- A. Thursday B. Saturday C. Tuesday D. Friday

SPACE FOR ROUGH WORK

6 What type of port is typically used to connect a keyboard to a computer?

- A.  B.  C.  D. 

7 Which of the following statements hold(s) true with respect to computer network?

Statement 1: An intranet is the world wide web networks of computer which is accessible to anyone who knows their IP address.

Statement 2: An extranet is like a private extension of an organisation's intranet, but it is accessible to authorised external users, typically through secure login.

- A. Only Statement 1 B. Only Statement 2
C. Both Statement 1 and Statement 2 D. Neither Statement 1 nor Statement 2

8 A/An _____ is a printer-like device that uses pens or inkjets to draw images on paper, especially for detailed line drawings and vector graphics.

- A. Optical mark reader B. Plotter
C. Touchscreen reader D. Barcode reader

9 Which of the following tools is used to change the orientation of an image in MS-Paint of Windows 11?

- A.  B.  C.  D. 

10 Which of the following statements is/are CORRECT regarding the storage device shown in the given image?



- A. It is a storage device built inside the computer where all your files and programs are saved.
B. It is not capable of storing your data permanently.
C. It is a small, portable storage device that you can plug into a computer to save or move files.
D. All of these

SPACE FOR ROUGH WORK

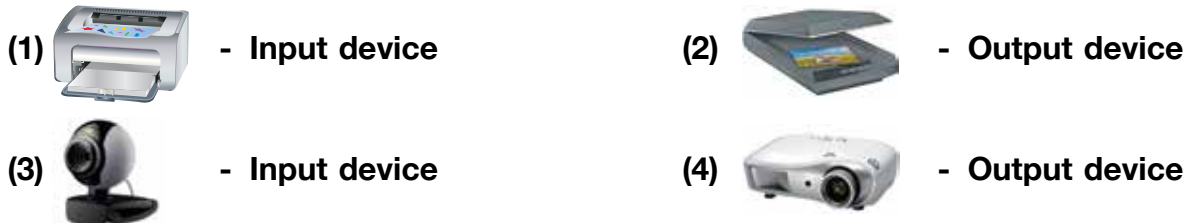
- 11 Identify the following.**
- It is used to transmit commands to control TVs, stereos and other remote-controlled devices.
 - It works by sending light signals, which are invisible to the human eye.
- A. Infrared signals B. Wi-Fi C. Bluetooth D. Hotspot
-

- 12 Which among the following computing devices was built by John Napier?**



- 13 What happens when you press double-click in a typed text under the cursor in MS-Word 2016?**
- A. A word will get selected B. An entire paragraph will get selected
C. A line will get selected D. None of these
-

- 14 Select the CORRECT match.**



A. (1) and (2) only B. (3) and (4) only C. (2) and (3) only D. (1) and (3) only

- 15 Which of the following statements hold(s) true regarding the fourth generation of computers?**

Statement 1: They are based on microprocessors, which are tiny chips that can do all the work of a computer.

Statement 2: They are fast and small in size compared to previous generation.

- A. Only Statement 1 B. Only Statement 2
C. Both Statement 1 and Statement 2 D. Neither Statement 1 nor Statement 2
-

- 16 Identify the following.**

- It is a program or a tool that helps you to manage and maintain your computer.
 - It helps to keep the computer running smoothly by fixing problems and improving its performance.
- A. Application software B. System maintenance
C. Utility software D. Language processor
-

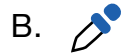
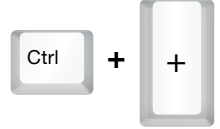
SPACE FOR ROUGH WORK

- 17 Given below are the steps to change the colour of the taskbar in Windows 11. Which of the following options will replace the ? in the given steps?

Right click on desktop → ? → colors

- A. Display colors
B. Personalize
C. Graphics properties
D. Graphic options

- 18 Which of the following tool's size would NOT change by pressing the



- 19 Match the software types given in Column-1 with their descriptions given in Column-2.

Column-1

Column-2

- (a) Application software (1) It is used to manage computer hardware.
(b) System software (2) It is used to provide protection from viruses.
(c) Utility software (3) It is used to run word processing and games applications.
(d) Antivirus software (4) It is used to optimize the disk space.

- A. (a)-(3), (b)-(1), (c)-(4), (d)-(2)
B. (a)-(2), (b)-(3), (c)-(1), (d)-(4)
C. (a)-(1), (b)-(4), (c)-(2), (d)-(3)
D. (a)-(3), (b)-(4), (c)-(1), (d)-(2)

- 20 What does UNIVAC stand for?

- A. Unique Automatic Computer
B. Universal Automatically Computer
C. Universal Automatic Computer
D. Universal Automation Computer

- 21 Which of the following statements hold(s) true regarding the given program?



Statement 1: It is a type of program that helps you manage maintain and protect your computer.

Statement 2: It comes under the category of application software.

- A. Only Statement 1
B. Only Statement 2
C. Both Statement 1 and Statement 2
D. Neither Statement 1 nor Statement 2

SPACE FOR ROUGH WORK

22 Which of the following hardware devices are available inside the CPU box?



- A. (1), (2) and (4) only
C. (1), (2) and (3) only

- B. (2), (3) and (4) only
D. (1), (2), (3) and (4)

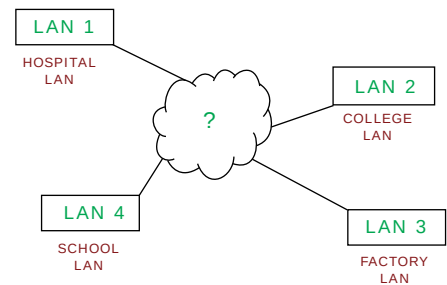
23 Which of the following effects has been applied to the given text in MS-Word 2016?

ICSO 25th

- A. *I* B. x^2 C. x_2 D. All of these

24 What will come in place of the question mark (?) in the given diagram of a computer network?

- A. LAN
B. BAN
C. MAN
D. PAN



25 Identify the given icon with respect to Windows 11.

- A. Copilot B. Task Manager
C. Snipping Tool D. Microsoft Store



INFORMATION TECHNOLOGY

26 The given logo is of a/an _____.

- A. Android Play Store B. Apple Play Store
C. Apple TV D. Google TV



27 Which of the following technologies is used when you wear the device shown in the given image?

- A. BR B. AR
C. QR D. VR



28 Which of the following is a mobile operating system developed by Apple Inc.?

- A. iOS B. Android C. Windows D. MacOS

SPACE FOR ROUGH WORK

- 29 Which of the following services is/are NOT supported by the app whose logo is shown in the given image?



(1) Mobile recharge

(2) Money transfer

(3) Watch movies

A. (1) only

B. (3) only

C. (1) and (2) only

D. (2) and (3) only

- 30 Select the odd one out.



ACHIEVERS SECTION

- 31 Unscramble the letters of the words given in Column-1 and match them appropriately with Column-2.

Column-1

Column-2

(a) PEDES

(1) It can store a lot of information, like pictures, songs, videos and documents.

(b) CRAUCYAC

(2) It can do big calculations and tasks much faster than human beings.

(c) OAETGSR

(3) It does not get tired or bored and can work for many hours without stopping.

(d) GEINDCLIE

(4) It can give correct results if the instructions are right.

A. (a)-(2), (b)-(4), (c)-(1), (d)-(3)

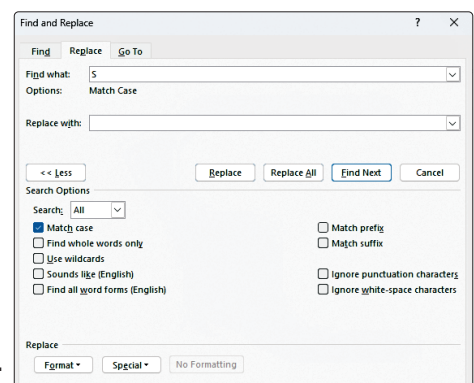
B. (a)-(1), (b)-(2), (c)-(3), (d)-(4)

C. (a)-(4), (b)-(3), (c)-(2), (d)-(1)

D. (a)-(3), (b)-(1), (c)-(4), (d)-(2)

- 32 What will happen if you type the capital letter “S” in the “Find what:” box of the Find and Replace dialog box and press  key, while the ‘Match case’ search option is selected in MS-Word 2016?

- A. It will highlight both the capital and small letter ‘S’/‘s’ in the document.
B. It will highlight only the small letter ‘s’ in the document.
C. It will highlight only the capital letter ‘S’ in the document.
D. None of these



SPACE FOR ROUGH WORK

- 33 Unscramble the letters of the given words and select the **CORRECT** statement about it with respect to Windows 11.

NPSA YTOAUL

- A. It allows you to quickly arrange two or more windows side by side.
B. It enables computers to communicate with each other.
C. It is a type of feature that saves deleted files.
D. It is a feature that allows users to talk to computer.

- 34 When you buy a product in a mall, the mall supervisor scans the code  on a product and the computer displays all the related details such as price, stock intake, discount, etc. Which of the following devices does the supervisor use?

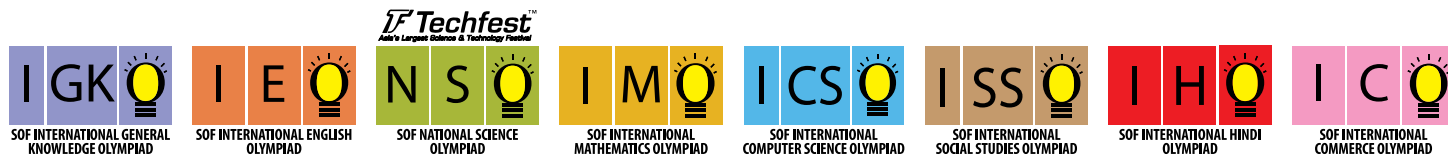


- 35 Which of the following statements hold(s) true about the given device?
Statement 1: The data is stored on the platters using magnetic fields.
Statement 2: It is a mechanical device that uses optical technology to read and write data.



- A. Only Statement 1
B. Only Statement 2
C. Both Statement 1 and Statement 2
D. Neither Statement 1 nor Statement 2

SPACE FOR ROUGH WORK



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Head Office: Plot 99, Sector 44 Institutional area, Gurugram -122 003 (HR), India
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