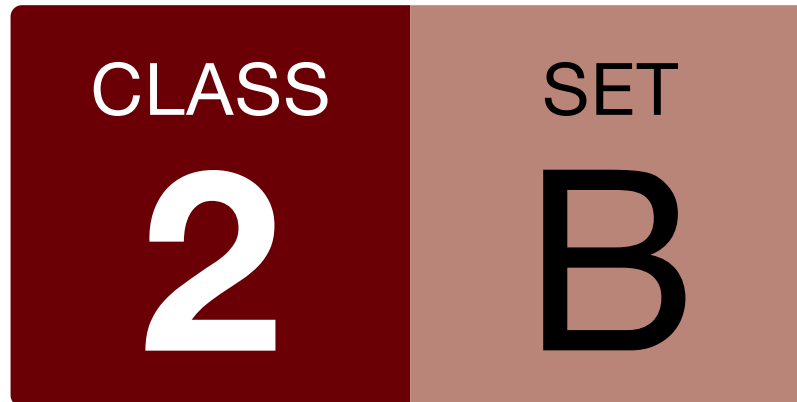




Total Questions : 35

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 \_\_\_\_\_ groups of 4 ink pots each can be formed from the given ink pots.

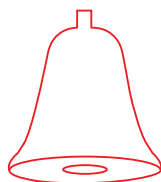


- A. 3                      B. 4                      C. 5                      D. 6

- 2 Select the odd one out.



- 3 Which of the following types of lines is NOT used to draw the given shape?



- A. Horizontal line                      B. Vertical line  
C. Curved line                      D. Slanting line

- 4 Dog \_\_\_\_\_ is second to the right of  in the given arrangement.



P



Q



R



O



N



M

(Right)

- A. N                      B. O                      C. Q                      D. R

- 5 If the day just before yesterday was Tuesday, then the day just after tomorrow will be \_\_\_\_\_.

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

SPACE FOR ROUGH WORK

**6** Identify the following.

- It is a part of computer, that helps to move the arrow on the screen.
- It has a ball on top that you can roll with your fingers to move the pointer.

A. Touchpad                      B. Trackball                      C. Pointball                      D. Mousepad

**7** Select the **INCORRECT** match.

- A.  - Helps to move the cursor up, down, left and right on the screen.
- B.  - Erases the letter to the right of the cursor.
- C.  - By holding it along with number keys, you can type special symbols.
- D.  - Moves the cursor to the next new line.

**8** Which of the following devices has a small camera that helps to take pictures, record videos or see people during video calls?

- A.                       B.                       C.                       D. 

**9** A \_\_\_\_\_ is a flat, smooth area on a laptop. You can use your fingers to move the pointer on the screen with it.

A. Digital pad                      B. Touchpad                      C. Mark pad                      D. Stamp pad

**10** Identify the place where the given information shows the use of computers.

- It is used for performing complex calculations.
- It is also used for 3-D visualization.

A. Science and Engineering                      B. Hospital  
C. Railway station                      D. Bank

**11** Which of the following is a special folder on the computer where deleted files go, and you can open that folder and restore the deleted files if you want them back?

- A.                       B.                       C.                       D. 

SPACE FOR ROUGH WORK

- 12** Unscramble the letters of the words given in Column-1 and match them with the corresponding options given in Column-2.

Column-1

(a) ABCLARLTK

(b) CUP

(c) OOMTNRI

Column-2

(1)



(2)



(3)



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

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

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

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

- 13** Which of the following statements is **INCORRECT** with respect to the uses of computers?

- A. It helps people in banks, offices and shops to do their work.
- B. It helps doctors to check reports and keep patient records.
- C. It can be used to watch cartoons, songs and learn videos.
- D. It can help while playing in parks as well as during walking and enjoying nature.

- 14** Which of the following type of devices can be easily carried from one place to another and comes with touchscreen technology?

A.



B.



C.

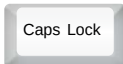


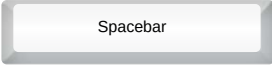
D. Both A and C

- 15** What does the **CPU** stand for?

- A. Control Processing Unit
- C. Control Process Unit

- B. Central Processing Unit
- D. Connected Processing Unit

- 16** What would be the result if you perform the following steps when  key is ON?
- Step 1 : Type 'ICSO'.

Step 2 : Press  key.

Step 3 : Press  key.

Step 4 : Type 'Olympiad'.

- A. ICSO OLYMPIAD
- B. ICSOOLYMPIAD
- C. ICSO olympiad
- D. ICSOolympiad

SPACE FOR ROUGH WORK

- 17 Identify the function of the given tool of MS-Paint.



- A. It is used to write words or sentences on your drawing or picture.
- B. It is used to draw shapes like circles, rectangles, stars and more.
- C. It is used to erase any part of the drawing or colouring.
- D. It is used to fill the colour in drawing with different brush shapes and sizes.

- 18 Which of the following is the CORRECT way to use and take proper care of your computer?

- A. Turning off the computer without shutting it down.
- B. Wipe the keyboard and screen gently with a wet cloth.
- C. Press buttons gently and do not bang the mouse.
- D. Touching the screen with dirty and wet hands.

- 19 Which of the following is/are primary task(s) that CANNOT be done with help of the given device?

- (1) To point icons on screen by touching them
- (2) To draw pictures on screen
- (3) To type letters and sentences



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

- 20 Which of the following keyboard keys should be pressed to get the given snapshot?

- A.
- B.
- C.
- D.



- 21 Which of the following statements hold(s) true regarding the given icon?  
Statement 1: It allows you to access and manage the files and folders stored on your computer.



Statement 2: It is used to open Start menu.

- 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 options can be used by teachers to show pictures, videos and lessons on a big screen like a wall or a surface like a whiteboard?



- 23 I am a device that helps you to hear sound while watching your favourite cartoon movie on a computer. Who am I?



D. All of these

- 24 Which of the following mouse actions is required to perform, if you want the  icon to be highlighted on the screen?

A. Double-click on the icon  
C. Triple-click on the icon

B. Left-click on the icon  
D. All of these

- 25 The MS-Paint files are by default saved as \_\_\_\_\_ files.

A. .txt

B. .pic

C. .com

D. .png

## INFORMATION TECHNOLOGY

- 26 Select the INCORRECT match.



- Abacus



- Smartphone



- Robot



- Webwatch

- 27 Which of the following statements is/are CORRECT about the given image?

A. It is touch-screen technology.  
B. It is a special screen that works when you touch it with your finger.  
C. It can be used to tap, swipe or drag things on the screen.  
D. All of these



SPACE FOR ROUGH WORK

**28** Which of the following devices is/are used to feed data in a computer?



A. (1) only

B. (1) and (2) only

C. (2) and (3) only

D. (1) and (3) only

**29** Select the odd one out.



**30** Which of the following devices is used in supermarkets for billing purpose?



### ACHIEVERS SECTION

**31** Which of the following technology services is/are provided by the given device?

(1) GPS Technology

(2) Wi-Fi

(3) Bluetooth



A. (1) only

B. (1) and (2) only

C. (2) and (3) only

D. (1), (2) and (3)

**32** When  key is OFF on keyboard, pressing  key on numeric pad will \_\_\_\_\_.

A. Insert 1 in the document at current cursor position.

B. Move the cursor to the beginning of the current line.

C. Move the cursor to the end of the current line.

D. Move the cursor to the next new line.

**33** Which of the following statements is/are CORRECT about the given image?

(1) It is an electronic machine.

(2) It is not easily portable machine.

(3) It stores, retrieves and processes data.



A. (1) only

B. (2) only

C. (3) only

D. (1), (2) and (3)

SPACE FOR ROUGH WORK

34 Which of the following MS-Paint shapes is NOT present in the given word grid?

- (1) LINE (2) DIAMOND  
(3) OVAL (4) CURVE  
(5) HEART

- A. (1) and (2) only  
B. (3) and (5) only  
C. (2) and (3) only  
D. (1) and (4) only

|  |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|
|  | D | H | P | U | Z | B | N |
|  | M | O | L | H | O | L | F |
|  | K | Y | I | E | T | I | M |
|  | D | S | P | A | K | N | J |
|  | V | C | U | R | V | E | R |
|  | Q | H | Z | T | P | D | I |
|  | U | J | Y | V | R | I | W |
|  | B | V | Y | K | T | S | O |

35 Raman is drawing a picture on the computer, and suddenly the electricity went off. But the computer does not turn off right away – it keeps working for a little while. Which of the following devices provides him extra time so that he can save his work before the computer shuts down?



SPACE FOR ROUGH WORK



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