



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.:.....

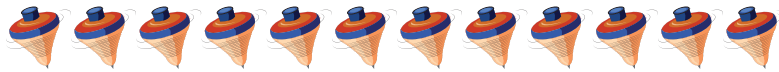
LOGICAL REASONING

1 There are _____ baby kangaroos in the given picture.

- A. 3
- B. 5
- C. 4
- D. 2

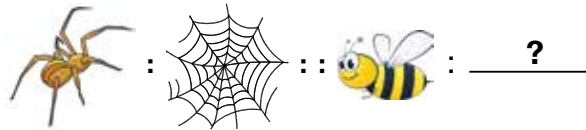


2 4 groups of _____ spinning tops each can be formed from the given spinning tops.



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

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



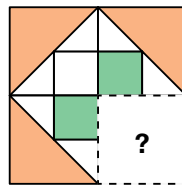
- A.
- B.
- C.
- D.

4 The given object can _____.

- A. Slide but not roll
- B. Roll but not slide
- C. Both roll and slide
- D. Neither roll nor slide



5 Select a figure from the options which can complete the given figure pattern.



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

SPACE FOR ROUGH WORK

- 6** Which of the following statements is **INCORRECT** about arrow keys on a keyboard?
- They are four in numbers.
 - They help you to move the cursor towards up, down, left and right.
 - They appear at the top-left corner of the keyboard.
 - They help you to scroll up and down in a document.

- 7** Unscramble the letters of the given word and select the **CORRECT** statement about it.

OUPMRETC

- | | |
|---------------------------------|-------------------------------------|
| A. It is a man-made machine. | B. It is not an electronic machine. |
| C. You cannot play music on it. | D. You cannot solve sums on it. |

- 8** Which of the following tasks of a TV can be performed by a computer?

(1) Playing movies (2) Playing music (3) Controlling sound

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

- 9** Which of the following task(s) can be done with the given tool of MS-Paint?

- You can draw anything you like, freely.
- You can write letters or words.
- You can draw any shape, like a circle or a star.



- A. 1 only B. 2 and 3 only C. 1 and 3 only D. 1, 2 and 3

- 10** I am the most important part of a computer that tells other parts of a computer what to do. Who am I?



- 11** What will be displayed on monitor screen, when you press  key once from the current cursor position?

COMPUTER | SCIENCE

- | | |
|--------------------|-------------------|
| A. COMPUTERSCIENCE | B. COMPUTERCIENCE |
| C. COMPUTECIENCE | D. COMPUTESCIENCE |

SPACE FOR ROUGH WORK

12 Match the following.

Column-1

Column-2



(1) It is also called the brain of a computer.



(2) It is used to provide power backup to computer during a power failure.



(3) It helps to print the work done from the computer on paper.

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

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

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

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

13 Select the INCORRECT statements.

A. Computers help in storing information.

B. Computers can be used to pay bills.

C. Computers cannot be used to book tickets.

D. Both A and B

14 John wants to do the following tasks:

• Play songs • Watch movies • Plays games

Which of the following devices can he use?



D. All of these

15 Which of the following keys would you use to type your name and age?

A. Number keys

B. Alphabets keys

C. Arrow keys

D. Both A and B

16 Which of the following statements is/are INCORRECT regarding computer mouse?

(1) Index finger is generally placed on the left mouse button.

(2) It is always kept on rough surface.

(3) It can be used to drag and drop items.

A. (1) only

B. (2) only

C. (3) only

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

SPACE FOR ROUGH WORK

- 17 Riya is watching her favourite cartoon movie on a computer. Due to which part of a computer, Riya is able to hear the sound of the movie?



- 18 The given device is called a _____. It is used to print results on _____.



- A. Printer, Computer
B. Monitor, Computer
C. Printer, Paper
D. Printer, Monitor

- 19 Select the **INCORRECT** match.

- A. Start Menu – The menu that opens when you click the Start button.
B. Booting – The process of turning on the computer.
C. Shut down – The process of turning off the computer.
D. Restart – The process of performing calculations and operations on computer.

- 20 Which of the following is drawn using the  in MS-Paint?



- 21 Which of the following statement is **INCORRECT** about mouse?

- A. It is a hand-operated device.
B. It comes in many shapes and sizes.
C. It can walk very fast.
D. It can be used to drag and drop items.

- 22 Read the given list of tasks and identify the place where all the tasks are done with the help of a computer.

- To keep money records of account holders.
- To check account details.
- To give and take money as well as to print passbooks.

- A. Office
B. School
C. Bank
D. Airport

SPACE FOR ROUGH WORK

23 Which of the following shapes is NOT drawn with the help of a Pencil tool in MS-Paint?

- A.  B.  C.  D. 

24 Aman is doing some work using a computer as shown in the given image. The type of computer he is using is called _____.

- A. Laptop computer B. Smartphone
C. Desktop computer D. Tablet computer



25 With the help of which part of a computer, the Shut down option is selected from the Start Menu?

- A.  B.  C.  D. 

INFORMATION TECHNOLOGY

26 Identify the given device.

- It has a touch screen, which is a special screen that let you use it with your fingers.
- It allows you to make calls and send messages.
- It also allows you to count your footsteps and check your heart rate.

- A. Smart watch B. Digital watch C. Square watch D. None of these

27 Which of the following app(s) is useful or a safe place on the phone where kids can watch rhymes and funny videos?

- A.  B.  C.  D. 

28 Which of the following app(s) on a phone is helpful for people to pay money or buy things without using real money notes or coins?

- (1)  (2)  (3) 

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

SPACE FOR ROUGH WORK

29 App stands for _____.

- A. Application B. Applicate C. Applicant D. Apply

30 Which of the following devices can be used to control an object or a character in the games?



D. All of these

ACHIEVERS SECTION

31 Which of the following options will replace (X) and (Y) in the given sentence?



is a (X) device. It has (Y) wheel(s).

- | (X) | (Y) |
|-------------|-----|
| A. Pointing | One |
| B. Display | One |
| C. Pressing | Two |
| D. Printing | Two |

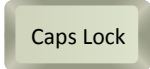
32 Unscramble the letters of the words given in Column-1 and match them with their information given in Column-2.

Column-1

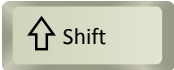
Column-2

- | | |
|------------------------------|---|
| (a) GOINL | (1) Secret combination of letters and numbers |
| (b) DWOSPASR | (2) End access to a computer system |
| (c) OGOLUT | (3) Gaining access to use computer system |
| A. (a)-(3), (b)-(1), (c)-(2) | B. (a)-(1), (b)-(2), (c)-(3) |
| C. (a)-(2), (b)-(3), (c)-(1) | D. (a)-(3), (b)-(2), (c)-(1) |

33 What will be displayed on computer screen after following the given steps when

 Caps Lock

key is OFF?

Step 1 : Press  Shift +  * 8 keys Step 2 : Press  R key

- A. 8R B. *R C. *r D. 8r

SPACE FOR ROUGH WORK

- 34 How many types of computer names are hidden in the given word grid?

Q	Z	A	T	O	L	A	O
E	P	S	A	U	A	H	N
R	R	C	B	Z	P	J	G
F	G	H	L	A	T	D	Y
H	S	J	E	S	O	E	R
V	X	P	T	D	P	S	T

- A. 4 B. 5 C. 3 D. 2

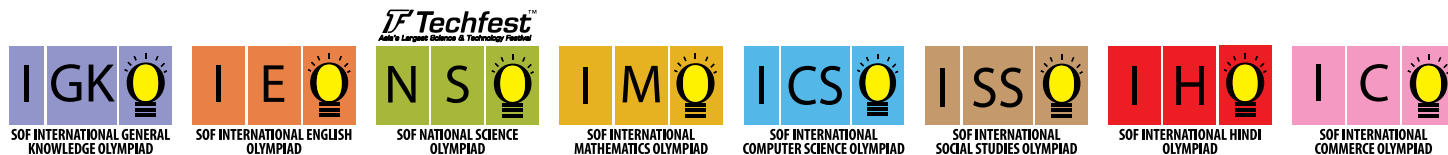
- 35 Given below are some images marked with numbers (1-8).



By using the first letter of the above images, select the sequence in which the word "COMPUTER" can be formed.

- A. 1-7-3-5-6-2-8-4 B. 2-1-7-3-6-4-8-5 C. 3-4-1-7-8-5-6-2 D. 8-1-4-7-2-5-3-6

SPACE FOR ROUGH WORK



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