



Total Questions : 50

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:
General Awareness (30 Questions), **Current Affairs** (10 Questions), **Life Skills** (5 Questions) and **Achievers Section** (5 Questions). Each question in Achievers Section carries 3 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.10 : In which country would you greet people saying 'Ni-hao'?

A. Japan B. Korea C. China D. Malaysia

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

10. 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.:.....

GENERAL AWARENESS

1. Which of the following is an annelid used as a source of anticoagulants following certain surgical procedures?
 - A. *Pila globosa*
 - B. *Adamsia palliata*
 - C. *Hirudo medicinalis*
 - D. *Trichinella spiralis*
2. Which of the following is traditionally used for whitewashing walls?
 - A. Sodium hydroxide
 - B. Zinc oxide
 - C. Calcium hydroxide
 - D. Magnesium hydroxide
3. Which among the following fish species is known as a living fossil?
 - A. *Salmo salar*
 - B. *Latimeria chalumnae*
 - C. *Squalius cephalus*
 - D. *Labeo rohita*
4. This is one of the largest national parks of India located in the Arunachal Pradesh. It is the only national park in the world to have the four feline species of big cat like Tiger, Leopard, Snow Leopard and Clouded Leopard. Identify this national park.
 - A. Dibru-Saikhowa National Park
 - B. Namdapha National Park
 - C. Nameri National Park
 - D. Ntangki National Park
5. Which gas(es) is/are mainly responsible for photochemical smog?
 - A. Sulphur dioxide
 - B. Nitrogen oxides
 - C. Carbon monoxide
 - D. Carbon dioxide
6. When was the 'Consumer Protection Act' first enacted in India?
 - A. 1986
 - B. 1992
 - C. 2004
 - D. 1980
7. Which among the following marine animals is at greatest risk due to mercury bioaccumulation?
 - A. Sardine
 - B. Dolphin
 - C. Jellyfish
 - D. Copepod
8. *Franklinia alatamaha* (The Franklin tree) is unique because _____.
 - A. It only flowers at night
 - B. It only has two leaves
 - C. It is extinct in the wild but survives in cultivation
 - D. It is used in improving blood circulation in human beings
9. Which pollinators are primarily attracted to *Amorphophallus titanum*?
 - A. Moths
 - B. Wasps
 - C. Carrion beetles and carrion flies
 - D. Birds
10. 'All the news that's fit to print' is the slogan of which newspaper?
 - A. The Washington Post
 - B. The Wall Street Journal
 - C. USA Today
 - D. The New York Times
11. Olfactory indicators are substances which change their odour when they come in contact with acidic or basic media. Which of the following is an olfactory indicator?
 - A. Turmeric
 - B. Methyl orange
 - C. Phenolphthalein
 - D. Vanilla extract
12. Which famous castle in Japan survived the World War II bombings?
 - A. Fukuyama Castle
 - B. Nagoya Castle
 - C. Himeji Castle
 - D. Wakayama Castle
13. A person who has no money to pay off debts is called _____.
 - A. Pauper
 - B. Insolvent
 - C. Stoic
 - D. Pedant
14. _____ play a significant role in the grand procession of Mysuru Dasara festival.
 - A. Peacocks
 - B. Elephants
 - C. Cows
 - D. All of these

15. Which of the following is a conventional source of energy?

- A. Solar energy
- B. Wind energy
- C. Natural gas
- D. Tidal energy

16. A traditional financial tool was originated during the medieval times in the Indian subcontinent to use in the trade and credit transactions. It was used in the form of remittance, credit and bills of exchange. What is it called?

- A. Cheques
- B. Demand Draft
- C. Hundi
- D. All of these

17. The 'Union List' in the Indian constitution contains subjects like _____.

- A. Education, Forests
- B. Police, Agriculture
- C. Defence, Foreign affairs
- D. Electricity, Printing press

18. Banff National Park known for protecting grizzly bears and elk is located in _____.

- A. Canada
- B. Australia
- C. Germany
- D. USA

19. Select the incorrect match.

- A. Kadambari – Kalidasa
- B. Ashtadhyayi – Panini
- C. Budhhacarita – Aśvaghoṣa
- D. Natyashastra – Bharata

20. What does the given idiom mean?

'Hoist with one's own petard'

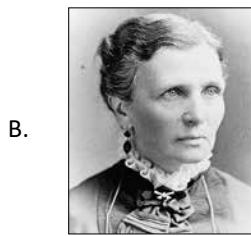
- A. To fall into a trap of one's own making
- B. To gain an advantage by acting before others
- C. To be praised for your mistakes
- D. To receive unexpected help

21. Who was the first woman to run for President of the United States?



A.

Victoria Woodhull



B.

Emmeline B. Wells



C.

Pamela Case Hale



D.

Carrie C. Holly

22. A fuse is always connected in _____.

- A. Parallel with the device
- B. Series with the device
- C. Between neutral and earth wires
- D. Sometimes in parallel and sometimes in series depending on the devices used

23. What is the radius of the semi-circle around the loop known as the 'no charge zone' as per NBA (National Basketball Association)?

- A. 1.22 metres
- B. 1.56 metres
- C. 2.32 metres
- D. 2.12 metres

24. Priyanshu covers a certain distance between his home to school by cycle. Having an average speed of 30 km/hr, he is late by 20 mins. However, with a speed of 40 km/hr, he reaches his house 10 mins earlier. Find the distance between his house and school.

- A. 50 km
- B. 60 km
- C. 30 km
- D. 55 km

25. The term 'riposte' in fencing means

- A. An attacking movement after a parry
- B. A backward jump to avoid touch
- C. A defensive stance
- D. None of these

26. Which of the following are categorised as antivirus software?

- (i) Avast
- (ii) Norton
- (iii) Bitdefender
- (iv) Ransomware

- A. (i) and (ii) only
- B. (iii) and (iv) only
- C. (i), (ii) and (iii) only
- D. (i), (ii) and (iv) only

27. Six members of a family A, B, C, D, E and F are travelling together. B is the son of C but C is not the mother of B. A and C are married couple. E is the brother of C. D is the daughter of A. F is the brother of B. How many male members are there in the family?

- A. 2
- B. 3
- C. 4
- D. 1

28. Who among the following is the athlete who won Olympic medals in six different Olympic games?

A.



Michael Phelps

B.



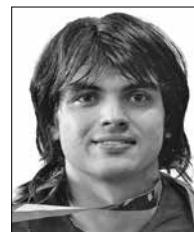
Birgit Fischer

C.



Simone Biles

D.



Neeraj Chopra

29. Select the incorrect match regarding the generic domain labels with their descriptions.

- A. .net - Used for websites related to networking, technology and internet services
- B. .org – Used primarily by nonprofit organisations
- C. .info - Used by commercial organisations and is a top level domain
- D. .gov – Used by official government organisations in the United States

30. Which among the following is the most common meditative pose in Yoga?

- A. Tadasana
- B. Padmasana
- C. Utkatasana
- D. Garudasana

31. Which of the following ministries has released the report titled "Value of Output from Agriculture and Allied Sectors 2025"?

- A. Ministry of Agriculture and Farmers Welfare
- B. Ministry of Fisheries, Animal Husbandry and Dairying
- C. Ministry of Statistics and Programme Implementation
- D. Ministry of Science and Technology

32. According to National Stock Exchange (NSE) data, which state has become the third state in India to cross 1 crore registered investors in 2025?

- A. Gujarat
- B. Maharashtra
- C. Karnataka
- D. Rajasthan

33. Which institution has released the Financial Stability Report for June 2025?

- A. NITI Aayog
- B. Reserve Bank of India (RBI)
- C. National Bank for Agriculture and Rural Development (NABARD)
- D. Securities and Exchange Board of India (SEBI)

34. Who among the following has been appointed as the first ever female Secretary of the Department of Legal Affairs under the Ministry of Law and Justice in March 2025?



A. Priya Nair



B. Anju Rathi Rana



C. Jaya Varma Sinha

D. None of these

35. Who won the title of Tata Steel Chess Masters 2025?



A. D Gukesh



B. Anish Giri



C. R Praggnanandhaa



D. Pentala Harikrishna

36. Which song won both Song of the year and Record of the Year in Grammy Awards 2025?

- A. "Espresso" – Sabrina Carpenter
- B. "Saturn" – SZA
- C. "Not Like Us" – Kendrick Lamar
- D. "Cowboy Carter" – Beyoncé

37. Where was the WHO Second Global Conference on Air Pollution and Health 2025 held?

- A. Cartagena, Colombia
- B. Geneva, Switzerland
- C. Paris, France
- D. Mumbai, India

38. Who among the following has recently gifted a copy of the Tipitaka in Pali to the Prime Minister of India?

- A. Paetongtarn Shinawatra
- B. Tshering Tobgay
- C. Keir Starmer
- D. K. P. Sharma Oli

39. Mount Kanlaon, which erupted recently in May 2025, is located in which country?

- A. Indonesia
- B. Japan
- C. China
- D. Philippines

40. Which city's airport has launched a digital-first Airport Operations Control Centre to boost efficiency and coordination in May 2025?

- A. Delhi
- B. Mumbai
- C. Lucknow
- D. Hyderabad

LIFE SKILLS

41. What is the most ethical way to use social media?

- A. Post what people like even if it is fake
- B. Expose people who annoy you
- C. Respect other's privacy and check facts before posting
- D. Share all your secrets to get attention and likes

42. Which skill is most important in managing group projects efficiently?

- A. Passive communication
- B. Emotional outbursts
- C. Collaboration and delegation
- D. Doing everything

43. Which of the following is a correct warm up activity before intense exercise?

- A. Full sprint
- B. Stretching and light cardio

- C. Jumping into a pool
- D. Drinking coffee

44. While performing CPR, where should be chest compression delivered?

- A. On the upper abdomen
- B. Just below the ribcage
- C. On the centre of the chest
- D. On the left side of the chest

45. How should you respond if you do not know how to answer a question during an interview?

- A. Ignore the question and try to change the subject
- B. Ask the interviewer for a moment to think and then answer the question to the best of your ability
- C. Bluntly tell the interviewer that you do not know the answer
- D. Leave immediately

ACHIEVERS SECTION

46. Sustainable Development Goals (SDGs) were adopted by the United Nations in 2015. Which of the following statements are correct regarding SDGs?

- I. The target year to achieve the SDGs is 2050.
- II. SDG 5 focuses on achieving gender equality and empowering all women and girls.
- III. 'Leaving no one behind' is a key principle of the SDGs.
- IV. WTO is primarily responsible for monitoring progress of the SDGs globally.
- V. SDG 17 is related to climate action.

47. Identify W, X, Y and Z and select the correct option.

W : A dramatic monologue by Robert Browning.

X : This is a compilation of 36 plays of Shakespeare.

Y : This famous novel by Jane Austen begins with the line, "It is a truth universally acknowledged".

Z : The character that narrates most of the Emily Brontë's "Wuthering Heights".

W	X	Y	Z
A. The Blessed Damozel	Scoop	The Nightingale	Catherine
B. My Last Duchess	First Folio	Pride and Prejudice	Nelly Dean
C. The Pied Piper of Hamelin	A Handful of Dust	Emma	Lockwood
D. A Tale of a Tub	Vile Bodies	Sense and Sensibility	Heathcliff

48. Match the columns and select the correct option.

Column I (Achievement as of 2024)	Column II (Player)
P. World record in the women's pole vault	(i) Deandra Dottin
Q. Record of fastest century in women's T20 international cricket	(ii) Barbora Spotáková
R. World record in women's shot put	(iii) Yelena Isinbayeva
S. World record in women's javelin throw	(iv) Natalya Lisovskaya

- A. P-(iii), Q-(i), R-(iv), S-(ii)
- B. P-(ii), Q-(iv), R-(iii), S-(i)
- C. P-(iii), Q-(i), R-(ii), S-(iv)
- D. P-(i), Q-(iii), R-(ii), S-(iv)

49. There are two buildings, one on each bank of a river, just opposite to each other. One building is 48 m high. From the top of this building, the angles of depression of the top and the foot of the other building are 30° and 60° respectively. Find

- (i) The width of river.
- (ii) The height of other building.

(i)	(ii)
A. 18 m	16 m
B. $16\sqrt{3}$ m	16 m
C. $18\sqrt{3}$ m	32 m
D. $16\sqrt{3}$ m	32 m

50. Which of the following statements hold(s) true regarding cloud computing?

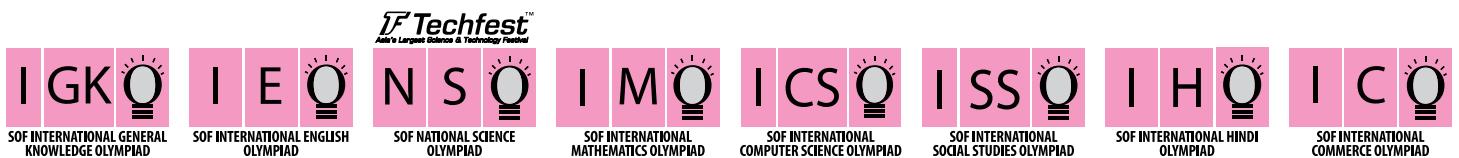
Statement 1: It directly ensures that each process and application receives enough time from the processor to function properly.

Statement 2: It allows users to access and use computing resources on demand without having to own or manage physical infrastructure.

- 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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