

CLASS
9

QUESTION
PAPER SET

C

DO NOT OPEN THIS BOOKLET UNTIL ASKED TO DO SO

Total Questions: 50 | Time: 1 hr.

Guidelines for the Candidate

You will get additional ten minutes to fill up information about yourself on the OMR Sheet, before the start of the exam.

Write your **Name, School Code, Class, Section, Roll No.** and **Mobile Number** clearly on the **OMR Sheet** and do not forget to sign. We will share your marks / result and other information related to SOF exams on your mobile number.

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 one mark each.

All questions are compulsory. There is no negative marking. Use of calculator is not permitted.

There is only ONE correct answer. Choose only ONE option for an answer.

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.

10 : In which country would you greet people saying 'Ni-hao'?

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

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

Enough work should be done in the blank space provided in this booklet.

Return the OMR Sheet to the invigilator at the end of the exam.

Please fill in your personal details in the space provided before attempting the paper.

10. (A) (B) (C) (D)



Name:

SOF Olympiad Roll No.: Contact No.:

THE WORLD'S
BIGGEST
OLYMPIADS

Over
26 Years
of Trust

96,499+
Schools

72
Countries

7.2+ Crores
Assessments

8
Olympiads

1. Which of the following is not a characteristic of reptiles?

- A. Presence of backbone
- B. Presence of scales or scutes
- C. Endothermic
- D. Produce eggs

2. This plant is commonly called as 'Jumping Cholla' due to its tendency to detach itself easily from the main plant when touched lightly and jump onto a passer-by. Which plant is this?

- A. *Cylindropuntia fulgida*
- B. *Amorphophallus titanum*
- C. *Nepenthes*
- D. *Utricularia macrorhiza*

3. Which of the following animals is/are known for its/their ability to regenerate lost body parts including limbs and organs?

- A. Axolotl
- B. Duck-billed platypus
- C. Starfish
- D. Both A and C

4. Biodiversity hotspots are regions of high _____.

- A. Species richness
- B. Degree of endemism
- C. Extinct species
- D. Both A and B

5. World Ozone Day is celebrated on (i) each year to commemorate the signing of the (ii).

- | (i) | (ii) |
|-------------------------------|-------------------|
| A. 16 th September | Montreal Protocol |
| B. 26 th March | Kyoto Protocol |
| C. 5 th June | Paris Agreement |
| D. 19 th April | Kyoto Protocol |

6. Air Quality Index (AQI) indicates the

- A. Colour of air in your area
- B. Ground level ozone, carbon monoxide, nitrogen dioxide, sulphur dioxide and particulate matter in the air of your area

- C. Intensity of noise pollution in your area
- D. Cadmium content in the air of your area.

7. Which globally threatened species would you find in Gulf of Mannar Marine Biosphere Reserve?

- A. *Dugong dugon*
- B. Amur leopard
- C. Orangutan
- D. Vapuita

8. The number of compressions or rarefactions per unit time is called _____.

- A. Wavelength
- B. Frequency
- C. Speed
- D. Amplitude

9. Which of the following elements is not a metalloids?

- A. Antimony
- B. Silicon
- C. Germanium
- D. Tungsten

10. *Cyperus* and *Parthenium* are types of

- A. Marine fishes
- B. Pesticides
- C. Weeds
- D. Pathogens.

11. The deepest and the oldest freshwater lake in world is located in which country?

- A. Russia
- B. Canada
- C. India
- D. USA

12. Select the incorrect match.

- A. Pampore – Saffron Capital of India
- B. Bengaluru – Silicon Valley of India
- C. Ahmedabad – The Manchester of India
- D. Madhya Pradesh – Spice Garden of India

13. 'The Apostolic Palace' is the official residence of _____.

- A. The Pope, located in Vatican City
- B. The President of France
- C. The Prime Minister of Britain
- D. Dalai Lama

14. In which country people celebrate the festival of 'San Fermin'?

- A. Thailand
- B. Spain
- C. Türkiye
- D. Uganda

15. Who among the following is the founder of Arya Samaj?

A.



Swami Dayanand
Saraswati

B.



Sardar Vallabhbhai
Patel

C.



Raja Ram Mohan
Roy

D. None of these

16. Which of the following rivers originates from the Amarkantak?

- A. Narmada
- B. Son

- C. Johila
- D. All of these

17. Who was the leader of the Bolshevik Party during the Russian Revolution?

- A. Vladimir Lenin
- B. Leon Trotsky
- C. Alexander Kerensky
- D. Alexander Guchkov

18. Which Amendment of the Indian Constitution lowered the voting age from 21 years to 18 years?

- A. 48th
- B. 15th
- C. 61st
- D. 73rd

19. X is responsible for the deflection of winds towards the right in the Northern Hemisphere and towards left in the Southern Hemisphere due to the difference in the linear velocity of rotation of Earth. Identify X.

- A. El Nino
- B. Static force
- C. La Nina
- D. Coriolis force

20. Amrita Pritam's work 'The Revenue Stamp' is a/an _____.

- A. Novel
- B. Autobiography
- C. Poem
- D. Biography

21. 'To live is the rarest thing in the world. Most people exist, that is all'. It's a famous quote given by _____.

- A. Oscar Wilde
- B. George Eliot
- C. William Shakespeare
- D. John Clare

22. 'To dig in one's heels' means to

- A. Stubbornly resist or refuse to change opinions or plans
- B. Endure a painful situation
- C. Achieve success
- D. Surrender.

23. Which of the following is the 24 hours English Business news channel in India?



D. None of these

24. Which among the given Asian countries bagged the most number of medals at the First Asian Games?

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

25. What was particularly special about 2012 London Summer Olympics?

- A. It featured the most participating countries.
- B. The host nation won the most medals in this event.
- C. It was the first olympiad wherein each participating country had at least one female athlete competing.
- D. None of these

26. Muscular endurance is the ability of a muscle or group of muscles to repeatedly exert force against resistance for an extended period of time. Performing multiple repetitions of an exercise is a form of muscular endurance. Which activity is considered a muscular endurance activity?

- A. Planks
- B. Running
- C. Swimming
- D. All of these

27. In a certain code language, '125' means 'go to school', '146' means 'study in school', '135' means 'run to school' and '8341' means 'do run in school'. What is the code for 'study' in that code language?

- A. 6
- B. 2
- C. 3
- D. 1

28. The age of father is 3 years more than 3 times the son's age. 3 years hence, the age of the father will be 10 years more than twice the age of the son. The present age (in years) of father and son are respectively

- A. 10, 33
- B. 33, 9
- C. 33, 10
- D. None of these

29. What is a chatbot?

- A. It is a computer program that allows humans to interact with digital devices.
- B. It is a type of malware that steals your personal information.
- C. It is a spyware that damages your computer system.
- D. All of these

30. Identify X from the given information and select the correct option.

- It forwards data packets between two computer networks.
- It reads the address information in the packet to determine its ultimate destination and performs the "traffic directing" function by selecting the best path in a network.
- It is used to share a single internet connection amongst multiple devices on a network.

X could be

- A. Switch
- B. Modem
- C. Router
- D. NIC.

CURRENT AFFAIRS

31. Archaeologists have recently discovered the evidence of rock art in the form of a pair of human footprints in which city of Karnataka in May 2024?

- A. Bengaluru

- B. Mangaluru
- C. Mysuru
- D. Udupi

32. Who among the following has won the Gold medal at Elorda Cup 2024 in women's 52 kg category?

- A. Minakshi
- B. Manisha
- C. Nikhat Zareen
- D. Anamika

33. Who is the current President of Philippines?

- A. Rodrigo Duterte
- B. Gloria Macapagal Arroyo
- C. Ferdinand Romualdez Marcos Jr.
- D. None of these

34. What was the theme of World Bee Day 2024?

- A. Bee Engaged in Pollinator-friendly Agricultural Production
- B. Bee Engaged - Build Back Better for Bees
- C. Bee Engaged with Youth
- D. Bee Engaged - Celebrating the Diversity of Bees and Beekeeping Systems

35. In May 2024, the Government of India has extended humanitarian assistance worth US \$1 million to which country to deal with floods?

- A. Rwanda
- B. Kenya
- C. South Korea
- D. Uganda

36. The Supreme Court of India has ordered closure of 68 mines operating within 1 km periphery of the critical tiger habitat of _____ in May 2024.

- A. Sundarban Tiger Reserve
- B. Periyar Tiger Reserve
- C. Kanha Tiger Reserve
- D. Sariska Tiger Reserve

37. Who is the current Foreign Secretary of India?

- A. Vinay Mohan Kwatra
- B. Vikram Misri
- C. Giridhar Aramane
- D. None of these

38. Which among the following organisations/agencies has developed RudraM-II, an air-to-surface missile, which was recently flight tested?

- A. NASA
- B. ISRO
- C. DRDO
- D. JAXA

39. How many Padma Bhushan awards are given in the year 2024?

- A. 10
- B. 15
- C. 17
- D. 8

40. Who among the following has become the first Indian woman to win shooting medal at any olympics?



A.

Anjali
Bhagwat



B.

Manu
Bhaker



C.

Parinaaz
Dhalliwal



D.

Heena
Sidhu

41. Select the correct option regarding do's and don'ts of group discussion etiquettes.

Do's	Don'ts
A. Lose your temper	Be open-minded
B. Listen to others	Argue unnecessarily
C. Talk about irrelevant points	Listen to others
D. Use impolite tone	Use moderate tone

42. If people ignore warming up and cooling down part of workout routine, then they may

- A. Become stronger
- B. Improve their flexibility
- C. Increase the risk of experiencing injury, pain and muscle cramp
- D. Experience more coordination and balance.

43. Social bullying includes _____.

- A. Leaving out someone on purpose

- B. Spreading rumours about someone
- C. Embarrassing someone in public
- D. All of these

44. Being assertive can help in managing stress. Which of the following approaches can encourage assertiveness?

- A. Avoid expressing your opinions or true feelings.
- B. Avoid eye contact during your conversation.
- C. Being open to constructive criticism and feedback.
- D. None of these

45. Which of the following can help in healthy development of adolescents?

- A. Teenage counselling
- B. Communication workshops
- C. Positive relationship with parents and teachers
- D. All of these

ACHIEVERS SECTION

46. Read the given statements and select the correct ones.

- (i) 'Ever Onward' is the motto of the Asian Games which was designed and proposed by Guru Dutt Sondhi.
 - (ii) LeBron James is the leading NBA scorer of all times.
 - (iii) Swaythling Cup is associated with golf and is the oldest golf tournament in the world.
 - (iv) The Jesse Owens Award is an annual award given to the best track and field athlete by USA Track and Field.
 - (v) The headquarters of the International Table Tennis Federation (ITTF) is in Lausanne, Switzerland.
- A. (i), (ii) and (v) only
 - B. (i), (ii), (iv) and (v) only
 - C. (iii), (iv) and (v) only
 - D. (i), (ii), (iii) and (iv) only

47. Select the odd one out on the basis of books written by the given authors and select the correct option.

- (i) Arundhati Roy : The God of Small Things, My Seditious Heart, The End of Imagination, Latitudes of Longing

- (ii) Salman Rushdie : The Satanic Verses, Shame, Victory City, Walking with the Comrades
- (iii) Anita Desai : Fire on the Mountain, A Fine Balance, The Village by the Sea, In Custody
- (iv) Jhumpa Lahiri : In Other Words, Unaccustomed Earth, The Lowland, Clear Light of Day

	(i)	(ii)	(iii)	(iv)
A.	Latitudes of Longing	Walking With the Comrades	A Fine Balance	Clear Light of Day
B.	My Seditious Heart	The Satanic Verses	In Custody	In Other Words
C.	The End of Imagination	Shame	Fire on the Mountain	Unaccustomed Earth
D.	The God of Small Things	Victory City	The Village by the Sea	The Lowland

48. Identify W, X, Y and Z from the given information and select the correct option.

W : The country whose National Flag features a yellow sun in the centre having 40 rays.

X : The country whose National Flag features a large yellow star and four smaller yellow stars in its upper hoist corner.

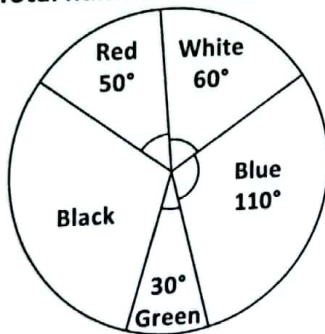
Y : The country whose National Flag features the crossed hoe and a rifle with open book and gold five-pointed star.

Z : The country whose National Flag features the main building of the Angkor Wat in white at the centre.

	W	X	Y	Z
A.	Wales	Jamaica	Mozambique	Dominica
B.	Kyrgyzstan	China	Mozambique	Cambodia
C.	Rwanda	Dominica	Saint Lucia	Canada
D.	Wales	Saint Lucia	Jamaica	Dominica

9. The given pie chart shows the different colors of shirts in a store. Study the given pie chart carefully and answer the following questions.

Total number of shirts = 2160



(i) What percentage of total shirts are white in the store?

(ii) What is the average of number of red, black and blue shirts in the store?

(i)

(ii)

- | | | |
|----|-------------------|-----|
| A. | $15\frac{2}{3}\%$ | 450 |
| B. | $16\frac{2}{3}\%$ | 540 |
| C. | $15\frac{1}{3}\%$ | 600 |
| D. | $16\frac{2}{3}\%$ | 420 |

50. Which of the following governing bodies of the internet develops and promotes internet standards, that make up the internet protocol suite (TCP/IP)?

- A. DNS (Domain Name System)
- B. IETF (Internet Engineering Task Force)
- C. NIC (Network Interface Card)
- D. ICANN (Internet Corporation for Assigned Names and Numbers)

SPACE FOR ROUGH WORK