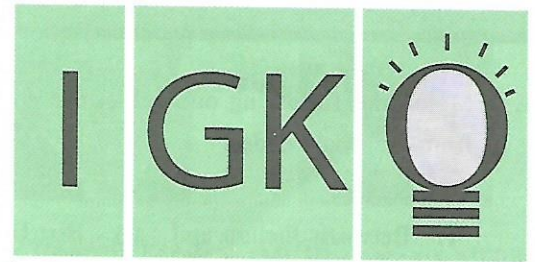


CLASS
10

QUESTION
PAPER SET

A



SOF INTERNATIONAL GENERAL
KNOWLEDGE OLYMPIAD
2018-19

DO NOT OPEN THIS BOOKLET UNTIL ASKED TO DO SO

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 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 one 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.
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 on this page before attempting the paper.

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



Name:.....

Section:..... Olympiad Roll No.:..... Contact No.:.....

GENERAL AWARENESS

1. Match the following and select the correct option from the given codes.

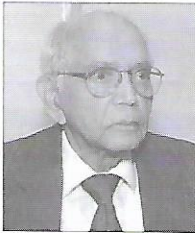
Region	Doab
P. Between Jhelum and Indus	(i) Bist Doab
Q. Between Beas and Ravi	(ii) Bari Doab
R. Between Chenab and Jhelum	(iii) Chaj Doab
S. Between Beas and Sutlej	(iv) Sindh Sagar Doab

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

2. Who was the first elected Secretary General of UN?

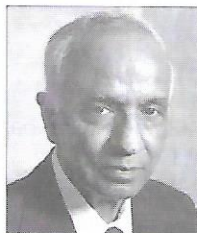
- A. Trygve Lie
- B. U Thant
- C. Dag Hammarskjöld
- D. Kurt Waldheim

3. Which Indian-American did the U.S. President, George W. Bush bestow in 2002, the National Medal of Technology (US's highest honour for achievement in technology)?



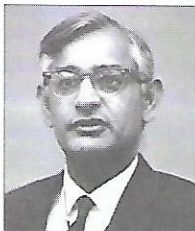
A.

Professor C. Radhakrishna Rao



B.

Subrahmanyam Chandrasekhar



C.

Dr. Har Gobind Khorana



D.

Arun Netravali

4. A game called, "Mokshapat" was created by the 13th century poet saint Gyandev. It is the original version of today's

- A. Ludo
- B. Chess
- C. Snakes and Ladders
- D. Carom.

5. India celebrates February 28 every year as 'National Science Day' because on this day

- A. First Indian space craft was launched
- B. Jawaharlal Nehru laid the foundation of science labs all over India
- C. In 1928, C.V. Raman discovered what was later called the "Raman Effect"
- D. Vikram Sarabhai was born.

6. Which of the following musical instruments was invented by Benjamin Franklin, the famous revolutionary, diplomat and inventor?

- A. Banjo
- B. Oboe
- C. Clarinet
- D. Armonica

7. American businessman Dennis Tito was the first in the list. He was followed by South African computer millionaire Mark Shuttleworth and then by scientist Gregory Olsen. A few private companies are pioneering in this field, Virgin Galactic being the most well known. Which field are we talking about?

- A. Space tourism
- B. Cargo services
- C. International tourism
- D. International courier

8. This is an instrument contributed by NASA providing the first high resolution spectral map of the entire lunar surface to India's first mission to the Moon, Chandrayaan-1 launched on 22nd October, 2008.

We are talking about

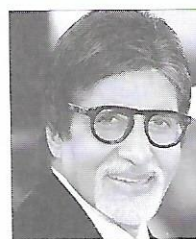
- A. Terrain Mapping Camera (TMC)
- B. Hyperspectral Imager (HySI)
- C. Moon Mineralogy Mapper (M3)
- D. Moon Impact Probe (MIP).

9. Read the given statements and select the correct option.

Statement 1 : Unlike Money Bill, Financial Bill of category A can be introduced in either House of Parliament.

Statement 2 : Recommendation of President is not required before introducing this bill.

- A. Statement 1 is correct but statement 2 is incorrect.
- B. Statement 1 is incorrect but statement 2 is correct.
- C. Both statements 1 and 2 are correct.
- D. Both statements 1 and 2 are incorrect.



C.



D.

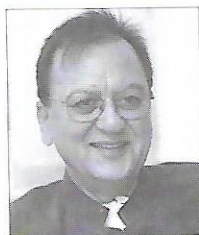
10. First tiger reserve in India to officially introduce a mascot Bhoorsingh the Barasingha is
- A. Corbett Tiger Reserve
 - B. Bandhavgarh Tiger Reserve
 - C. Kanha Tiger Reserve
 - D. Sunderbans Tiger Reserve.
11. Which of the following pairs is incorrectly matched?
- A. Battle of Kharda - Nizam vs. East India Company
 - B. Battle of Chillianwala - Lord Dalhousie vs. Marathas
 - C. Battle of Buxar - Mir Jafar vs. Clive
 - D. All of these
12. Match column I with column II and select the correct option from the given codes.

Column I

Column II

- | | |
|------------------------------|-------------------------------|
| a. City of Dreaming Spires | (i) Belgium |
| b. Gate of Tears | (ii) Oxford |
| c. Cockpit of Europe | (iii) Strait of Bab-el-Mandeb |
| d. The Land of Golden Fleece | (iv) Australia |
- A. a-(ii), b-(iii), c-(i), d-(iv)
 - B. a-(i), b-(ii), c-(iii), d-(iv)
 - C. a-(iv), b-(i), c-(ii), d-(iii)
 - D. a-(i), b-(ii), c-(iv), d-(iii)

13. He was initially named as "Inquilaab" but later at the suggestion of poet Sumitranandan Pant, his father gave him new name which means "The light that will never die." He contested against H.N. Bahuguna, former Chief Minister of Uttar Pradesh and won by one of the highest victory margins in general election history. Who is he?



A.



B.

14. Master Control Facility (MCF) controls all the Geostationary or Geosynchronous satellites of ISRO. Where is it located in India?
- A. Hassan, Karnataka
 - B. Sriharikota, Andhra Pradesh
 - C. Bhopal, Madhya Pradesh
 - D. Both A and C

15. Select the incorrect match.
- A. Smallest angiosperm - *Wolffia*
 - B. Plant with a single leaf - *Raphia vinifera*
 - C. Plant with leaf nodules - *Ardisia* inhabited by nitrogen fixing bacteria
 - D. Largest unbranched inflorescence - Titan arum

16. On 21st October 1824, he was granted the British Patent BP 5022 which read-'An improvement in the mode of producing an Artificial Stone.' He also coined the term Portland Cement. Identify this personality.
- A. Selman Waksman
 - B. Joseph Aspdin
 - C. Lord Kelvin
 - D. None of these

17. Which of the following organisations was awarded the coveted National level "Golden Peacock Award for ECO-innovation" for the year 2017?
- A. NABARD
 - B. ISRO
 - C. IIT (Kharagpur)
 - D. IROAF

18. Set in an unnamed African country after independence, this 1979 novel narrated by Salim has the opening line as "The world is what it is, men who are nothing, who allow themselves to become nothing, have no place in it". What is the name of this novel?
- A. A Bend in the River
 - B. The Old Man and the Sea
 - C. Disgrace
 - D. The Grapes of Wrath

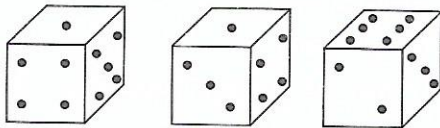
19. Which of the following is not a type of sailboats used in competitive sailing?

- A. 49er
- B. Tornado
- C. Luff
- D. Europe

20. Which of the following facts is not correct about Thylacine?

- A. Thylacine is the mascot for the Tasmanian cricket team.
- B. Thylacine is mainly found in Australia and is the largest known herbivorous marsupial of modern times.
- C. It is presumed to be extinct.
- D. None of these

21. Three positions of a dice are shown below. Find the number of dots on the face opposite to the face bearing 5 dots.



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

22. Select the incorrect statement.

- A. Total number of countries in the group of the Commonwealth of Nations is 53.
- B. Mediterranean Sea is connected to Pacific Ocean.
- C. European Union was established in 1993.
- D. Nobel Prize for Peace is awarded in Oslo.

23. Rukmini Devi Arundale is considered the most important revivalist of this Indian classical dance form from its original 'sadhir' style, prevalent amongst the temple dancers, the devadasis. Which dance form did Ms Arundale promote?

- A. Kuchipudi
- B. Bharatanatyam
- C. Mohiniattam
- D. Odissi

24. Which of the following is a correct statement?

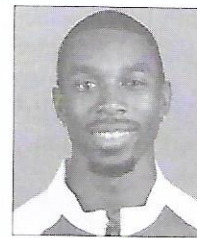
- A. Maulana Abul Kalam Azad Trophy is given to the best University for its sports achievements in an academic year.

- B. Rashtriya Khel Protsahan Puruskar scheme was introduced in 2004 to promote involvement of corporates and institutional boards in sports.
- C. Dronacharya Award is given for life time contribution of athletes towards sports.
- D. None of these

25. Which of the following statements is incorrect regarding an 'ecotone'?

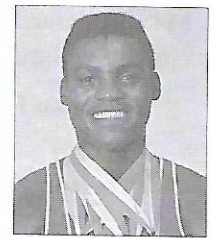
- A. It is a zone of junction or transition between two biomes.
- B. Mangrove forests represent an ecotone between marine and terrestrial ecosystem.
- C. Grasslands, estuaries and marshlands cannot be called ecotones.
- D. A well developed ecotone contains some organisms which are entirely different from that of the adjoining communities.

26. Who among the following won four Olympic gold medals in a row from 1984 to 1996 in long jump?



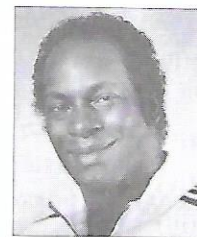
Jaylen Bacon

A.



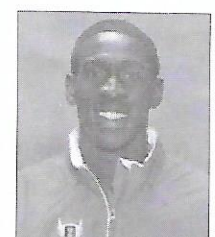
Carl Lewis

B.



Bob Beamon

C.



Kenta Bell

D.

27. The term 'Ashi Waza' in judo means

- A. Foot techniques
- B. Grappling techniques
- C. Martial ways
- D. Ordinary pattern of walking.

28. _____ is a primary controller of PlayStation family (video game console), developed by Sony Interactive Entertainment.

- A. Dashboard
- B. DualShock
- C. PlayWave
- D. Console wave

29. Read the following statements carefully.
1. Photochemical smog always contains ozone.
 2. The toxic effect of carbon monoxide is due to its greater affinity for haemoglobin as compared to oxygen.
 3. Lead is the most hazardous metal pollutant of automobile exhaust.

Which of the above statements is not true?

- A. 1 B. 2
C. 3 D. None of these

30. P, Q and R enters into a partnership. P contributes one-third of the capital while Q contributes as much as P and R contribute together. If the profit at the end of the year amounts to ₹ 900, then what would R receive?

- A. ₹ 100
B. ₹ 150
C. ₹ 200
D. ₹ 300

CURRENT AFFAIRS

31. The 42nd World Heritage Committee meeting of 2018 was held at which of the following places?

- A. Abu Dhabi
B. Doha
C. Manama
D. Muscat

32. Who won with an "absolute majority" in Turkish presidential election 2018 by securing 52.5% of the vote?

- A. Meral Aksener
B. Recep Tayyip Erdogan
C. Selahattin Demirtas
D. None of these

33. At which of the following places a conference on 'Global Security in a Polycentric World' was organized which was addressed by the Defense Minister of India, Nirmala Sitharaman?

- A. London
B. Paris
C. Moscow
D. Washington

34. Who has become the second Indian mountaineer to climb Mt. Ojos del Salado, the highest volcano in the world?



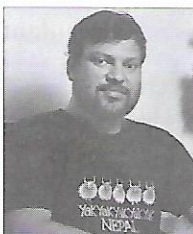
A.

Love Raj Singh



B.

Jamling Tenzing



C.

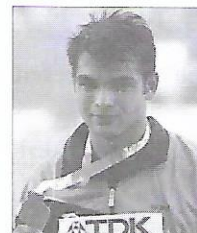
Satyarup Siddhanta

D. None of these

35. Which of the following countries topped in the fourth edition of 'Soft Power 30' index?

- A. Japan
B. Germany
C. UK
D. France

36. Who among the following clinched gold medal at the Sotteville Athletics meet in France?



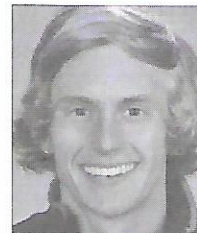
A.

Neeraj Chopra



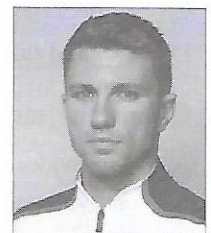
B.

Anju Bobby George



C.

Evan Jager



D.

Andrew Pozzi

37. What is the name of the small molecule which was discovered by the Researchers from Indian Institute of Technology (IIT) Roorkee to treat chikungunya?

- A. Blue squill
B. Cetacean
C. Pep-I
D. Dhori

38. Which of the following plant species has been recently discovered in Western Ghats?

- A. *Porpox verrucosa*
B. *Solanum ossicruentum*
C. *Fimbristylis agasthyamalaensis*
D. None of these

39. Which of the following institutes has unveiled world's first remotely operable Local Electrode Atom Probe (LEAP) microscope?
- IIT Bombay
 - IIT Madras
 - AIIMS
 - IIT Delhi

40. Who won the Man Booker International Prize 2018?
- Bettany Hughes and George Saunders
 - Maureen Freely and Julian Barnes
 - Olga Tokarczuk and Jennifer Croft
 - Elnathan John and Paul Beatty

LIFE SKILLS

41. Which of the following will help you to enhance your memory?

- Regular exercise
- Taking excess carbohydrates
- Breaking up information into smaller chunks
- Buddy teaching
- Making mind maps and list of key words

- I, II and IV only
- I, III, IV and V only
- III, IV and V only
- I, II, III, IV and V

42. Which of the following does not represent quality of a good leader?

- A good leader does everything himself as he has to lead by example.
- A good leader recognises other's achievements.
- A good leader takes accountability of a task.
- A good leader delegates the tasks intelligently.

43. Community service is important for students as

- It provides students with the opportunity to become active members of their community
- It increases social awareness

- It helps to enhance interpersonal skills of students
- All of these.

44. Which of the following does not represent negative peer pressure?

- Feeling the compulsion to dress or act in a certain way
- Taking dangerous risks while riding a cycle to show your skills
- Projecting false images on social media -
- Extending your study schedule because your friends are doing better in academics
- Joining gym because all your friends have joined

- I and III only
- I, II and IV only
- II and III only
- IV and V only

45. As Indian citizens, it is our fundamental duty to

- Cherish and follow noble ideas which inspired our national struggle for freedom
- Value and preserve the rich heritage of our culture
- Protect and improve natural environment and have compassion for living creatures
- All of these.

ACHIEVERS SECTION

46. Match the columns and select the correct option from the given codes.

Column I (Article in Indian Constitution)	Column II (Importance)
P. Article No. 14	(i) Separation of judiciary from executive
Q. Article No. 50	(ii) Hindi as official language
R. Article No. 343	(iii) Equality before law

- Article No. 356 (iv) Specifies the directive principles of state policy
- (v) Imposition of President's rule in states

- P-(iii), Q-(i), R-(ii), S-(v)
- P-(ii), Q-(iii), R-(iv), S-(i)
- P-(v), Q-(iii), R-(i), S-(ii)
- P-(iii), Q-(v), R-(iv), S-(i)

47. Writers reflect the human history by capturing some of the most important historical events and the culture of a changing world around us in a profound way.

Identify the writers *W*, *X*, *Y* and *Z* with the help of their famous books.

W: War and Peace, A Confession, Anna Karenina

X: Great Expectations, A Christmas Carol, Bleak House

Y: Pride and Prejudice, Sense and Sensibility, Emma

Z: The Great Gatsby, This side of Paradise, Tender is the Night.

	<i>W</i>	<i>X</i>	<i>Y</i>	<i>Z</i>
A.	Charles Dickens	H.G. Wells	James Joyce	Jane Austen
B.	Jules Verne	Albert Camus	Charles Dickens	Jane Austen
C.	Leo Tolstoy	Charles Dickens	Jane Austen	F.Scott Fitzgerald
D.	Charles Dickens	Jules Verne	Leo Tolstoy	F.Scott Fitzgerald

48. Select the incorrect statement(s).

- I. Due to several oil spills in 1969, the coastal nations of the North Sea formed the Bonn Agreement.
- II. Barcelona Convention is a regional convention adopted in 1992 to prevent and abate pollution in Pacific Ocean.
- III. Vienna Convention for the protection of ozone layer was agreed upon in 1985 and entered into force in 1988.

IV. Earth Summit held in 1992 led to the establishment of the Commission on sustainable development.

- A. I and III only
- B. II only
- C. III and IV only
- D. I, II, III and IV

49. A bucket made up of metallic sheet is in the form of frustum of a cone of capacity 12308.8 cm^3 . The diameter of the top and bottom circular ends are 40 cm and 24 cm respectively. Find

- (i) The height of bucket.
- (ii) The cost of metal sheet used in it at the rate of ₹ 20 per 100 cm^2 . [Use $\pi = 3.14$]

	(i)	(ii)
A.	12 cm	₹ 216.32
B.	15 cm	₹ 432.064
C.	15 cm	₹ 216.48
D.	18 cm	₹ 415.30

50. Select the INCORRECT statement about the given technology.



- A. It is a wireless networking technology known as Wireless-Fidelity.
- B. It uses infrared technology to provide secure, reliable and fast wireless connectivity.
- C. It can connect multiple devices to each other and to the internet *via* high speed connection.
- D. All of these

SPACE FOR ROUGH WORK