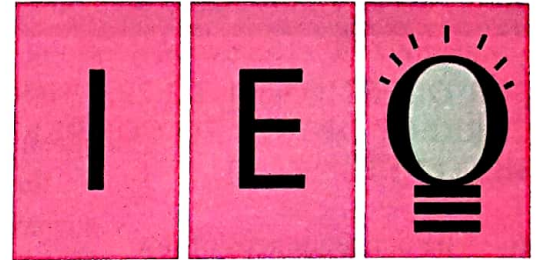


CLASS
12

LEVEL
2



**SOF INTERNATIONAL ENGLISH
OLYMPIAD 2019-20**

in association with
**BRITISH
COUNCIL**

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 and other information related to SOF exams on your mobile number.
3. In the school code column in the OMR Sheet, please fill in code allocated to your school and not the exam center code.
4. The Question Paper comprises three sections:
Word and Structure Knowledge, Reading & Achievers Section.
Each question in Achievers Section carries 3 marks, whereas all other questions carry one mark each.
5. All questions are compulsory. There is no negative marking. Use of smart phone is not permitted.
6. There is only ONE correct answer. Choose only ONE option for an answer.
7. 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 : Fill in the blanks.

Please teach my dog ____ a ball.

- A. to fetch B. learn C. show D. to learn

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

16. ● (B) (C) (D)

8. Please fill in your personal details in the space provided on this page before attempting the paper.
9. **RETURN THE OMR SHEET AND QUESTION PAPER TO THE INVIGILATOR AT THE END OF THE EXAM.**



Name:.....

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

WORD AND STRUCTURE KNOWLEDGE

FOR QUESTIONS 1 TO 29, CHOOSE THE CORRECT OPTION TO COMPLETE EACH SENTENCE.

1. The consequences of not _____ the proper training were quite clear only minutes into the match.
A. having had
B. have had
C. had had
D. has had

2. There are different ways to make sure that _____ sports can be enjoyable and safe for all.
A. playing
B. to play
C. played
D. play

3. Many people in the education industry feel that the quickest way of _____ your skills is to practice on a daily basis for at least one hour.
A. develop
B. to develop
C. developing
D. developed

4. In _____ grand scheme of things this match won't make much of _____ difference to this season's ranking.
A. a, no article
B. a, a
C. the, the
D. the, a

5. Cinemas are losing their customers because there _____ huge developments in home cinema systems that are now much cheaper.
A. has been
B. had been
C. is
D. was

6. Professors from the college _____ several schools over the coming month to encourage students to go and study.
A. will be visited
B. are visiting
C. will have visiting
D. having been visited

7. When there is not enough paper left in the printer this light on the side flashes red so _____ about it just put more paper in the tray at the bottom.
A. not being worried
B. not worried
C. not having worried
D. don't worry

8. The younger students have requested that they _____ to sit in on some of the study groups later in the semester.
A. to allow
B. having allowed
C. be allowed
D. having been allowed

9. When the end of the year comes around again, I think I will try _____ some new resolutions about studying and training.
A. to make
B. made
C. having made
D. make

10. It's difficult to know _____ to do the initial task we have been set by our teachers because there is just not enough time.
A. why
B. what
C. which
D. when

11. There are many different ways that problems can be resolved but none are _____ sitting down and working through them one by one.
A. as good so
B. so good as
C. as good as
D. so good so

12. By _____ several options you can make sure that there is always a positive outcome.
- A. to have
 - B. having
 - C. to have been had
 - D. being had
-
13. It is not always a good idea to _____ what you don't know because you never know when you might learn something useful.
- A. knock
 - B. place
 - C. sift
 - D. brand
-
14. There is only a _____ link between when we eat dinner and how well we sleep at night but many people believe it makes a big difference to how they feel.
- A. suture
 - B. tenuous
 - C. vaunted
 - D. wistful
-
15. Our new headmaster really took _____ when some pupils remained seated when she walked into the gymnasium.
- A. umbrage
 - B. passive
 - C. quarter
 - D. place
-
16. I _____ a polar bear but I am sure there is one at the zoo in London that I would like to see when we visit next month.
- A. have never seen
 - B. am always seeing
 - C. had only seen
 - D. had just about been seen
-
17. We have all finished for the year, so we've decided to push the boat _____ with a massive end of year party at my house.
- A. on
 - B. out
 - C. off
 - D. over
-
18. I think comparing my grades this year to the ones I got last year would be like comparing apples and _____ .
- A. pineapples
 - B. fruit
 - C. oranges
 - D. mangos
-
19. I want to try and _____ my new idea with our coach about football practice after the game next weekend.
- A. sling
 - B. brush
 - C. shove
 - D. float
-
20. He really needed to pull _____ up by the bootstrap after such a massive defeat so I am glad he seems to have come away with a positive attitude.
- A. him
 - B. his
 - C. he
 - D. himself
-
21. The feeling of _____ that is felt when everything is finished properly is untouched by the tiredness you might feel.
- A. furor
 - B. euphoria
 - C. sentiment
 - D. dilution
-
22. My sister has never been one to _____ people who don't pull their weight in her team.
- A. rejuvenate
 - B. conceived
 - C. placate
 - D. undercoat
-
23. There has been a _____ rise in skills and knowledge of students graduating over the past three years.
- A. meteoric
 - B. simplistic
 - C. sophomoric
 - D. vitriolic

24. The _____ reached by the two opposing governments left a lasting peace in the region that led to great wealth.

- A. fracas
- B. indenture
- C. trebuchet
- D. filament

25. My uncle has never visited the north of the country but is _____ that he will do in the next couple of years.

- A. sonorous
- B. sapient
- C. fervent
- D. eluded

26. My sister has agreed to _____ when we visit Dubai next month which will save us a lot on hotel rooms.

- A. move us on
- B. run us around
- C. put us up
- D. chuck us in

27. There _____ any problems crossing the border until last year when there were inspection points posted on all major roads.

- A. isn't
- B. will not be
- C. can't be
- D. has never been

28. It is unrealistic to _____ that there is an easy way to becoming a topper when in fact the only way is thorough hard work and diligence.

- A. run others
- B. think upon
- C. kid yourself
- D. push back

29. When moving through the wilderness it is important not to damage anything _____ as not to upset the delicate natural balance.

- A. which
- B. because
- C. so
- D. although

FOR QUESTIONS 30 TO 32, CHOOSE THE CORRECT SYNONYM OF THE GIVEN WORD.

30. Vacillate

- A. Remove
- B. Dither
- C. Truss
- D. Lambaste

31. Surfeit

- A. Delusion
- B. Profusion
- C. Inclusion
- D. Reduction

32. Swoon

- A. Relive
- B. Retaliate
- C. Impress
- D. Collapse

FOR QUESTIONS 33 TO 35, CHOOSE THE CORRECT ANTONYM OF THE GIVEN WORD.

33. Truculent

- A. Ebullient
- B. Moveable
- C. Laidback
- D. Sensational

34. Controvert

- A. Delay
- B. Confute
- C. Remove
- D. Endorse

35. Vicarious

- A. Direct
- B. Small
- C. Treated
- D. Belittled

READING

FOR QUESTIONS 36 TO 40, READ THE PASSAGE AND ANSWER THE QUESTIONS THAT FOLLOW.

(1) The modern Olympic Games are a leading international sporting event featuring summer and winter sports competitions in which thousands of athletes from around the world participate in a variety of competitions. The Olympic Games are considered the world's foremost sports competition with more than 200 nations participating. The Olympic Games are held every four years, with the Summer and Winter Games alternating by occurring every four years but two years apart. Their creation was inspired by the ancient Olympic Games, which were held in Olympia, Greece, from the 8th century BC to the 4th century AD. The foundation of the International Olympic Committee (IOC) in 1894, led to the first modern Games in Athens in 1896. The IOC is the governing body of the Olympic Movement, with the Olympic Charter defining its structure and authority. 56 years after the first games, Japan will be the host country of the 2020 Olympic and Paralympic Games and has promised to deliver "the most innovative Games ever organized".

(2) On July 24, 2019, a year before the competition begins in Tokyo, the Olympic Committee unveiled its first ingenious idea; medals made using precious metals extracted from discarded electronics. The idea to strip the small quantities of gold, silver, platinum, and nickel from old devices was first proposed in 2016 by a group of young Japanese environmentalists. The students wanted to raise awareness of the amount of electronic waste generated by the country's tech-loving residents, who are notorious for replacing gadgets frequently. Japanese citizens **toss** an estimated 650,000 tonnes of small electronics and home appliances every year, only about 100,000 tonnes of which are

recycled. The Olympic Committee collected enough electronics to extract material for all 5,000 medals. Eager to help the environment and raise awareness of the issue, the Olympic Committee launched the "Everyone's Medal" program in February 2017. The campaign encouraged citizens to drop off unused gadgets at one of Japanese cellular giant NTT Docomo's 2,400 stores, or at locations set up by Japan's Environmental Sanitation Centre. Since each gadget contains just traces of the precious metals, the organizers needed millions of devices to accumulate the 8 tonnes of material needed to craft the 5,000 Olympic and Paralympic medals. However, they had nothing to worry about. By the time the collection drive ended in March 2017, Japanese residents had donated an astounding 78,895 tonnes of gadgets, including 6.21 million smartphones. The haul yielded the officials 32 kilos of gold, 3,500 kilos of silver, and 2,200 kilos of bronze which was more than enough to make every medal.

(3) Revealed on July 24, 2019, the medals, which measure 85 mm in diameter, are designed by Osaka-based graphic artist Junichi Kawanishi. They feature the five interlocking Olympic rings, the official name of the games, and the Greek goddess of victory Nike in front of the Panathenaic stadium; the venue of the first Olympics. In keeping with the IOC regulations, each gold medal is crafted from pure silver with 6 grams of gold plating. Though the IOC guidelines only require the silver medal to contain 92.5 percent of the metal, thanks to the successful recycling effort, the Tokyo 2020 medals are 100 percent pure silver. The bronze medal comprises a red brass alloy made up of 95 percent copper and 5 percent zinc. The medals will be placed in a circular case made from Japanese ash wood and accompanied by unique ribbons, which were inspired by traditional Japanese patterns and kimono-layering techniques.

(4) The Tokyo 2020 Committee hopes the medals will raise awareness of the amount of e-waste being generated annually around the world. The Olympic Committee hopes the Tokyo 2020 medals will help raise awareness of the alarming increase in electronic waste — not just in Japan but worldwide — and cause consumers to rethink upgrading devices unnecessarily. As Japan's three-time Olympic gold medal-winning gymnast Kohei Uchimura succinctly put it: "Tokyo 2020 Olympic and Paralympic medals will be made out of people's thoughts and appreciation for avoiding waste. I think there is an important message in this for future generations." Though Japan is the first Olympic host country to make all the medals using metals from discarded electronics, it is not the first to think of the idea. That credit goes to Rio de Janeiro, Brazil which crafted about 30% of the silver and bronze medals for the 2016 Summer Olympics from recycled materials.

36. Choose the best title or heading for the passage.
- A. Medals Made in Heaven
 - B. Smart Medals
 - C. All that Glitters
 - D. Medal Madness
-
37. What is the role of the International Olympic Committee?
- A. Running the movement
 - B. Setting up the games
 - C. Choosing the country it is in
 - D. Handing out the medals
-
38. Which paragraph explains how the material for medals was gathered?
- A. 1
 - B. 2
 - C. 3
 - D. 4
-
39. The requirement of metals to make the medals _____.
- A. has been supplemented with zinc
 - B. too big to make because of the cost
 - C. will be met in the next 6 months
 - D. was easily met by the Japanese

40. What does the word 'toss' mean in second paragraph?
- A. Discard
 - B. Recycle
 - C. Embellish
 - D. Contrive

FOR QUESTIONS 41 TO 45, READ THE PASSAGE AND ANSWER THE QUESTIONS THAT FOLLOW.

(1) Scientists from the Universidad Carlos III de Madrid (UC3M), in collaboration with the firm BioDan Group, have presented a prototype for a 3D bioprinter that can create totally functional human skin. This skin is adequate for transplanting to patients or for use in research or the testing of cosmetic, chemical, and pharmaceutical products. This research has recently been published in the electronic version of the scientific journal Biofabrication. In the article, the team of researchers demonstrated, for the first time, that, using the new 3D printing technology, it is possible to produce proper human skin. One of the authors, a professor in UC3M's department of Bioengineering and Aerospace Engineering, points out that this skin can be transplanted to patients or used in business settings to test chemical products, cosmetics or pharmaceutical products in quantities and with timetables and prices that are compatible with these uses.

(2) This new human skin is one of the first living human organs created using bioprinting to be introduced to the marketplace. It replicates the natural structure of the skin, with a first external layer, the epidermis with its stratum corneum, which acts as protection against the external environment, together with another thicker, deeper layer, the dermis. This last layer consists of fibroblasts that produce collagen, the protein that gives elasticity and mechanical strength to the skin. However, before this can happen, the structure and mechanical properties of this organ require much more study. For example, scientists know little about how skin stretches or how to determine its tension. "This is

really important to surgeons, who need to know in which direction they should cut skin to avoid extensive scarring,” said Michel Destrade, an applied mathematician at the National University of Ireland Galway who is developing mathematical models for the behavior of soft tissue. “The people who create artificial skin need to know how to deal with mismatches in tension when they connect it to real skin. This includes knowing the best way to cut and stretch it.”

(3) Bioinks are the key to 3D bioprinting, according to the experts. When creating skin, instead of cartridges and colored inks, injectors with biological components are used. In the words of a prominent researcher, “knowing how to mix the biological components, in what conditions to work with them so that the cells don’t deteriorate, and how to correctly deposit the product is critical to the system.” The act of depositing these bioinks, which are patented and licensed, is controlled by a computer, which deposits them on a print bed in an orderly manner to then produce the skin. The process for producing these tissues can be carried out in two ways: to produce **allogeneic** skin, from a stock of cells, done on a large scale, for industrial processes; and to create autologous skin, which is made case by case from the patient’s own cells, for therapeutic use, such as in the treatment of severe burns. Only human cells and components are used to produce skin that is bioactive and can generate its own human collagen, thereby avoiding the use of the animal collagen that is found in other methods. And that is not the end of the story, because they are also researching ways to print other human tissues. There are several advantages to this new technology. This method of bioprinting allows skin to be generated in a standardised, automated way, and the process is less expensive than manual production, points out the CEO of BioDan Group, the Spanish bioengineering firm specialising in regenerative medicine that is collaborating on this research and commercialising this technology.

(4) Currently, this development is in the phase of being approved by different European regulatory agencies to guarantee that the skin that is produced is adequate for use in transplants on burn patients and those with other skin problems. In addition, these tissues can be used to test pharmaceutical products, as well as cosmetics and consumer chemical products where current regulations require testing that does not use animals. Artificial skin will one day be implanted in humans, and advances in artificial skin will improve the technology for developing human skin or even creating a “super skin”. It would be fantastic if we could apply it to humans but there’s still lots of work that needs to be done by scientists in turning electronic pulses into signals that could be sent to the brain and recognised.

41. Choose the best title or heading for the passage.
- A. No Need for Animal Testing
 - B. Perfect Biotech Solution
 - C. Biotech Needs More Work
 - D. How to Grow a New Derma
-
42. What benefit does the new skin have?
- A. Industry standards
 - B. Cost effectiveness
 - C. Government backing
 - D. Single usage
-
43. Which paragraph questions the veracity of the new technology?
- A. 1
 - B. 2
 - C. 3
 - D. 4
-
44. The main difference between this method and others is that _____.
- A. only human cells are used to produce autologous skin
 - B. they know exactly how the skin moves and stretches
 - C. they can create it on a mass scale for easy production
 - D. it is produced manually for the benefit of the clients

45. What is the meaning of the word 'allogenic' in the third paragraph?

A. Very sensitive to allergens

B. Originating from elsewhere

C. Usable by the chemical industry

D. Larger than is needed for the task in hand

ACHIEVERS SECTION

FOR QUESTIONS 46 TO 48, CHOOSE THE CORRECT OPTION TO COMPLETE EACH SENTENCE.

46. The most impressive thing to have done in that circumstance _____ rather than merely commenting on the issue.

- A. must be helped
- B. will be helping
- C. would be to have helped
- D. to be helping

47. I have never been a fan of people who believe in their own infallibility, but I do believe a certain amount of _____ is required to be the best.

- A. vestment
- B. reluctance
- C. conceit
- D. tress

48. Solitude is never the answer to problem _____, in fact, the biggest projects in the

world throughout history _____ thousands of people to reach successful conclusions.

- A. solved, to require
- B. to solve, requiring
- C. solving, have required
- D. solves, are requiring

49. CHOOSE THE CORRECT ANTONYM OF THE GIVEN WORD.

Vivify

- A. Melt
- B. Evoke
- C. Deaden
- D. Prolong

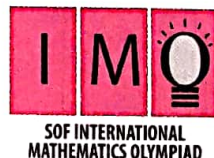
50. CHOOSE THE CORRECT SYNONYM OF THE GIVEN WORD.

Verisimilitude

- A. Deniability
- B. Plausibility
- C. Manufacturability
- D. Dissimilarity



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