Olympiad 2019
Class 6

Important Instructions:

- All questions carry equal weightage.
- 10 minutes are provided for filling the OMR sheet and reading the instructions.
- Exam duration is 1 hour only.
- **Please ensure that this question paper has 50 questions. It is divided into the following sections –**
  For class 1st to 5th: Mathematics, Science, English and General Knowledge
  For class 6th to 10th: Mathematics, English, Science, General Knowledge and Logical Reasoning
- Every question has one correct answer.
- Please read the instructions for answering given on the OMR sheet.
  Candidates must submit a completely filled OMR sheet before leaving the hall.
- There is no negative marking.

Section A– Mathematics

1. The product of place values of two 3's in 253893 is

253893 में 3 केदोनोंस्थानमूल्योंकाउत्पादहै:

A. 90,000
B. 9,000
C. 30,000
D. 3,000

2. Which of the following numbers is incorrect in Roman numeral system?

रोमनअंकप्रणालीमेंनिम्नलिखितमेंसेकौनसीसंख्यागलतहै?

A. MMLLX
B. MMMLX
C. DCCXL
D. DCCCLXXII

3. What is the least number to be subtracted from 1045 to get a number exactly divisible by 22?

1045 को 22 सेविभाज्यबनानेकेलिएघटाएजानेवालीन्यूनतमसंख्याक्याहै?

A. 13
B. 22
C. 7
D. 11

4. John has stamps from different countries. 1/3rd of them are India stamps. If he has 36 Indian stamps, how many stamps does he have in total?

जॉनकेपासविभिन्नदेशोंकेस्टैम्पहैं।उनमेंसे 1 / 3rd भारतकेस्टैम्पहैं।अगरउसकेपास 36 भारतीयस्टैम्पहैं, तोउसकेपासकुलकितनेस्टैम्पहैं?

A. 12
B. 108
C. 36
D. 48

5. What value of "x" makes the given equation true?

"x" काकौनसामानदिएगएसमीकरणकोसहीबनाताहै?

-18 + (-6x) = 0

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

6. The lowest common multiple of 10, 15 and 20 is x. The value of x is

10, 15 और 20 कालघुत्तमसमापवर्त्य x है। x कामानहै

A. 20
B. 30
C. 40
D. 60

7. Which of the following statement is correct?

निम्नलिखितमेंसेकौनसाकथनसहीहै?

A. $\frac{ab+c}{b} = a + c$

B. $\frac{a+c}{a+c} = \frac{b}{c}$

C. $\frac{ab+ac}{ad} = \frac{b+c}{d}$

D. $\frac{a(b+c)}{a \times d} = \frac{b+c}{ad}$

8. The age of Tanu is 20 years and the age of Mani is 36 years. If the ratio of the age of Mani to the age of Beena is 3: 2, then the ratio of the age of Tanu to the age of Beena is:

तनुकीउम्र 20 सालऔरमणिकीउम्र 36 सालहै।यदिमणिकीउम्रऔरबीनाकीउम्रकाअनुपात 3: 2 है, तोतनुकीउम्रऔरबीनाकीउम्रकाअनुपातहै:

A. 1: 2
B. 2: 3
C. 3: 4
D. 5: 6

9. Evaluate $a^2 + (-ab^2) - a^2b^2$ if a = -2 and b = 3.

यदि a = -2 और b = 3, तोमूल्यांकनकरें$a^2 + (-ab^2) - a^2b^2$

A. 14
B. -14
C. - 50
D. 44

10. If the perimeter of a square is 76 cm, then the area of the square will be:

यदिएकवर्गकीपरिधि 76 सेमीहै, तोवर्गकाक्षेत्रफलहोगा:

A. 152 cm^2
B. 304 cm^2
C. 361 cm^2
D. 1444 cm^2

Section B – English

11. Which of the following isthe misspelt word?

A. Grief
B. Except
C. Greatful

D. Gourd

12. My grandmother told me a fairy _____.

A. tale
B. tail
C. story
D. table

13. I am going ____ buy a dress.

A. for
B. of
C. in
D. to

14. Choose the part of the sentence that has an error:

I saw you in the park yesterday. You were sitting on the grass and read a book.
A. I saw you in the park yesterday.
B. You were sitting on the grass
C. read a book
D. no error

15. Choose the antonym of "Improve".

A. Enhance
B. Descend
C. Advance
D. Revamp

16. The historic speech _____ on September 11, 1893 by Swami Vivekananda.

A. is given
B. given
C. gave
D. was given

17. The school bell rings ____ 8:00 a.m.

A. by
B. at

C. on
D. till

18. Which of the following forms a meaningful sentence after rearranging words?

A. working/I/May/project/have/on/since/this/been
B. working/I/May/project/on/since/this/been
C. working/I/May/project/have/on/this/been
D. working/I/May/project/have/since/this/been

19. The _____ of natural resources is important because of our dependence on them.

A. conversation
B. conversion
C. conservation
D. consumption

20. Choose the synonym of "Enormous".

A. Miniscule
B. Vast
C. Tiny
D. Miniature

Section C – Science

21. Neutral insulator P is rubbed with neutral insulator Q. Insulator P becomes positively charged after rubbing. Which of the following statements is correct?

A. P loses some electrons to insulator Q.
B. Q loses some electrons to insulator P.
C. P gains positive charge from insulator Q.
D. Q gains positive charge from insulator P.

तटस्थ विसंवाहक P को तटस्थ विसंवाहक Q केसाथरगड़ाजाताहै।इन्सुलेटर P

रगड़नेकेबादधनआवेश सेचार्जहोजाताहै।निम्नलिखितकथनोंमेंसेकौनसहीहै?

A. P कुछइलेक्ट्रान Q कोदेताहै।
B. Q कुछइलेक्ट्रान P कोदेताहै।
C. P, Q सेधनआवेश लेताहै।

D. Q, P सेधनआवेश लेताहै।

22. Rotation of Earth on its axis is an example of which type of motion?

A. Rectilinear motion
B. Circular motion
C. Rotational motion
D. Oscillatory motion

अपनीधुरीपरपृथ्वीकाघूमनाकिसप्रकारकीगतिकाएकउदाहरणहै?

A. रेक्टिलिनियरगति
B. घूर्नगति
C. घूर्णीगति
D. दोलनशीलगति

23. What is the name of the joint which exists between our shoulder and arm?

A. Hinge joint
B. Pivot joint
C. Ball and socket joint
D. Fixed joint

संधि का नाम क्याहै जो हमारी कंधों और बांह के बीच मौजूद है?

A. हिंजसंधि
B. धुराग्रसंधि
C. कन्दुक-उलूखलसंधि
D. अचलसंधि

24. 1 kg of iron occupies less space compared to 1 kg of sponge because:

A. Iron has less density than sponge.
B. Iron and sponge have equal densities.
C. Iron has more density than sponge.
D. Weight of iron per unit volume is less than that of sponge.

1 किलोस्पंजकीतुलनामें 1 किलोलोहाकमजगहघेरताहैक्योंकि:

A. स्पंजकीतुलनामेंआयरनकाघनत्वकमहोताहै।

B. लोहेऔरस्पंजकाघनत्वसमानहोताहैं।
C. स्पंजकीतुलनामेंलोहेमेंअधिकघनत्वहोताहै।
D. लोहेकावजनप्रतियूनिटआयतनस्पंजकीतुलनामेंकमहोताहै।

25. For strong bones and teeth we need

मजबूतहड्डियोंऔरदांतोंकेलिएहमेंचाहिए

A. Vitamin D
B. Vitamin E
C. Vitamin A
D. Vitamin K

26. Silk is a _____.

A. Cellulose fibre
B. Protein fibre
C. Fat fibre
D. Mineral fibre

रेशम एक_____ है।
A. सेल्यूलोजफाइबर
B. प्रोटीनफाइबर
C. वसाफाइबर
D. खनिजफाइबर

27. The middle region of a bar magnet is:

A. a north pole
B. a north seeking pole
C. weekly magnetized
D. magnetized

एकबारचुंबककामध्यक्षेत्रहै:

A. एकउत्तरीध्रुव
B. एकउत्तरीध्रुवढूंढ़रहा
C. अचुम्बकीय
D. चुम्बकीय

28. Which of the following has reddish-brown colour?

A. Gold
B. Copper
C. Iron
D. Brass

निम्नलिखितमेंसेकिसकारंगलाल-भूराहै?

A. सोना
B. तांबा
C. लोहा
D. पीतल

29. If boiled milk is allowed to cool and is then poured on a piece of cloth, we find that cream (malai) is left behind on cloth. This process of separating cream from milk is

A. filtration
B. decantation
C. sedimentation
D. churning

यदिउबलेहुएदूधकोठंडाकियाजाएऔरफिरकपड़ेकेटुकड़ेपरडालाजाताहै, तोहमपातेहैंकिक्रीम (मलाई) कपड़ेपरपीछेरहगईहै।दूधसेक्रीमकोअलगकरनेकीयहप्रक्रियाहै

A. निस्पंदन
B. निस्तारण
C. अवसादन
D. मंथन

30. The germination of a seed is

A. a physical, reversible, desirable change in which energy is produced
B. a fast, chemical reaction in which energy is released
C. a slow irreversible, desirable, chemical change
D. a fast, irreversible, undesirable chemical change

एकबीजकाअंकुरणहोताहै

A. एकभौतिक, प्रतिवर्ती, वांछनीयपरिवर्तनजिसमेंऊर्जाकाउत्पादनहोताहै
B. एकतेज़, रासायनिकप्रतिक्रियाजिसमेंऊर्जानिकलतीहै
C. एकधीमाअपरिवर्तनीय, वांछनीय, रासायनिकपरिवर्तन
D. एकतेज, अपरिवर्तनीय, अवांछनीयरासायनिकपरिवर्तन

Section D – General Knowledge

31. Which country has won the most Cricket World Cups?

A. India
B. England
C.Sri Lanka
D. Australia

किसदेशनेसबसेअधिकक्रिकेटविश्वकपजीतेहैं?

A. भारत
B. इंगलैंड
C. श्रीलंका
D. ऑस्ट्रेलिया

32. Where was India's first nuclear test conducted?

A. Banglore
B. Pokhran
C. Gujarat
D.Hyderabad

भारतकापहलापरमाणुपरीक्षणकहाँकियागयाथा?

A. बंगलोर
B. पोखरण
C. गुजरात
D. हैदराबाद

33. Who composed the national anthem of Bangladesh?

A. Mohammad Iqbal
B.Bankim Chandra Chattopadhyay
C.GaganHarkara
D. Rabindranath Tagore

बांग्लादेशकेराष्ट्रगानकीरचनाकिसनेकी?

A. मोहम्मदइकबाल
B. बंकिमचंद्रचट्टोपाध्याय
C. गगनहरकारा

D. रविंद्रनाथटैगोर

34. On which day the 20th anniversary of Kargil Vijay Diwas was observed across India?

भारतभरमेंकारगिलविजयदिवसकी 20 वींवर्षगांठकिसदिनमनाईगई?

A. 25th July
B. 26th July
C. 22nd June
D. 20th July

35. Which Indian batsman became the first in the world to score 5 centuries in a World Cup tournament?

A. Rohit Sharma
B. ViratKohli
C. M.S. Dhoni
D. ShikharDhawan

कौनभारतीयबल्लेबाजविश्वकपटूर्नामेंटमें 5 शतकबनानेवालेविश्वकेपहलेखिलाड़ीबने?

A. रोहितशर्मा
B. विराटकोहली
C. एम.एस.धोनी
D. शिखरधवन

36. Vijender Singh is associated with which sport?

A. Cricket
B. Shooting
C. Boxing
D. Football

विजेंदरसिंहकिसखेलसेजुड़ेहैं?

A. क्रिकेट
B. शूटिंग
C. बॉक्सिंग
D. फुटबॉल

37. Who was the first woman Governor of an Indian State?

A. Sarojini Naidu
B. Indira Gandhi
C. PratibhaPatil
D. Sheila Dixit

भारतीयराज्यकीपहलीमहिलाराज्यपालकौनथी?

A. सरोजिनीनायडू
B. इंदिरागांधी
C. प्रतिभापाटिल
D. शीलादीक्षित

38. Who is the first Indian women Olympic Medal winner?

A. SainaNehwal
B. Sakshi Malik
C. KarnamMalleshwari
D. SaniaMirza

पहलीभारतीयमहिलाओलंपिकपदकविजेताकौनहै?

A. साइनानेहवाल
B. साक्षीमलिक
C. कर्णममल्लेश्वरी
D. सानियामिर्जा

39. In which year the Rabindranath Tagore won the 'Nobel Prize in Literature'?

रवींद्रनाथटैगोरनेकिसवर्षमें 'साहित्यमेंनोबेलपुरस्कार' जीता?

A. 1918
B. 1913
C. 1915
D. 1920

40. Which is the highest civilian award of the Republic of India?

A. The Padma Shri
B. The Padma Bhushan
C. The Padma Vibhushan
D. The Bharat Ratna award

भारतगणराज्यकासर्वोच्चनागरिकपुरस्कारकौनसाहै?

A. पद्मश्री
B. पद्मभूषण
C. पद्मविभूषण
D. भारतरत्न

Section E – Logical Reasoning

41. Choose the correct option:

If Taj Mahal : India, then Pyramid : ?
A. The United States of America
B. Egypt
C. London
D. Paris

सहीविकल्पचुनें:

अगरताजमहल: भारत, तोपिरामिड:?

A. सयुंक्तराष्ट्रअमेरिका
B. मिस्र
C. लंदन
D. पेरिस

42. Choose the correct option:

Shimla : Hill:: Udaipur : ?
A. Beach
B. Mountain
C. Plateau
D. Lake

सहीविकल्पचुनें:
शिमला: पहाड़ी:: उदयपुर:?

A. समुद्रतट
B. पर्वत
C. पठार
D. झील

43. Choose the odd one out:

A. 23
B. 19
C. 43
D. 56

विषमचुनें:

A. 23
B. 19
C. 43
D. 56

44. Preeti is 16 years old. Preeti's father is 2 years older than her mother. Preeti's mother is 4 years older than 3 times Preeti's age. What is the age of Preeti's father?

प्रीतिकीउम्र 16 सालहै।प्रीतिकेपिताउसकीमाँसे 2 सालबड़ेहैं।प्रीतिकीमांप्रीतिकीउम्रके 3 गुनासे 4 सालबड़ीहै।प्रीतिकेपिताकीउम्रक्याहै?
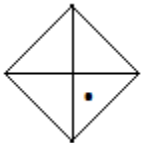
A. 52 years
B. 50 years
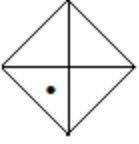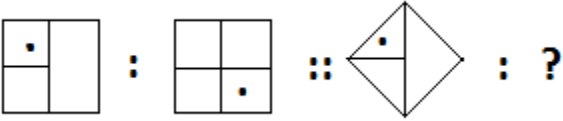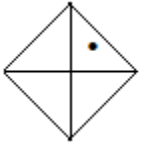C. 56 years
D. 54 years

45. Choose the correct option:
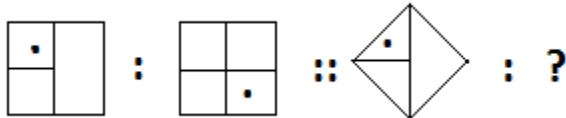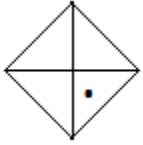

A.
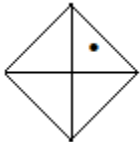
B.

C.

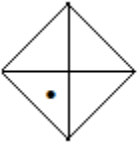D. None of these

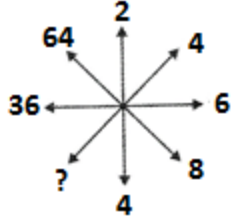सहीविकल्पचुनें:

A.

B.

C.

D. इनमेसेकोईनहीं

46. How many meaningful english words can be formed with the letters RABG using each letter only once in each word?

प्रत्येकशब्दमेंकेवलएकबारप्रत्येकअक्षरकाउपयोगकरके RABG अक्षरोंकेसाथकितनेसार्थकअंग्रेजीशब्दबनाएजासकतेहैं?

A. 0
B. 1
C. 2
D. 3

47. Which number will replace the question mark in the given figure?

दीगईआकृतिमेंप्रश्नचिन्हकीजगहकौनसीसंख्याहोगी?

A. 10
B. 16
C. 18
D. 34

48. If "+" is "×", "-" is "+", "×" is "÷" and "÷" is "-", then solve the following:

$25 \times 5 - 7 + 3 \div 4$
A. 22
B. 20
C. 32
D. Cannot be determined

यदि "+" "×" है, "-" "+" है, "×" "÷" हैऔर "÷" "-" है, तोनिम्नलिखितकोहलकरें:
$25 \times 5 - 7 + 3 \div 4$

A. 22
B. 20
C. 32
D. निर्धारितनहींकियाजासकताहै

49. Arrange the given words in the sequence in which they occur in the dictionary and choose the correct sequence.

दिएगएशब्दोंकोउसक्रममेंव्यवस्थितकरेंजिसमेंवेशब्दकोशमेंहोतेहैंऔरसहीअनुक्रमचुनें।

1. Accent   2. Access   3. Achieve   4. Ache   5. Absorb
A. 5, 2, 1, 3, 4
B. 5, 2, 1, 4, 3
C. 5, 1, 2, 3, 4
D. 5, 1, 2, 4, 3

50. If English alphabets are written in the reverse order, what will be the 9th letter on the left of the 12th letter from the right end?

यदिअंग्रेजीअक्षरउल्टेक्रममेंलिखेगएहैं, तोदाहिनेछोरसे 12 वेंअक्षरकेबाईओर 9 वांअक्षरक्याहोगा?

A. T
B. U
C. V
D. F