

केन्द्रीय विद्यालय संगठन , अहमदाबाद संभाग

KENDRIYA VIDYALAYA SANGATHAN, AHMEDABAD REGION

संभाग स्तरीय शिक्षार्थी प्राप्ति कसौटी -१

REGIONAL LEVEL LEARNER'S ACHIEVEMENT TEST (LAT-1)

SESSION 2023-24

CLASS – IX

TIME ALLOTTED: 1:30 HOURS

MAX. MARKS: 50

NAME OF KV: _____

NAME OF STUDENT: _____

CLASS: _____ SECTION: _____ ROLL NO.: _____

Signature of Invigilator: _____ Date _____

Instructions:

- This Question paper has five sections.
- All sections are compulsory.
- Each section is of 10 Marks.

SECTION – A - ENGLISH

* Read the passage given below and write the option that you consider the most appropriate in your answer sheet: (5 Marks)

(Question no. 1-5)

The beginning of this fun-filled season with the sun hidden behind the grey clouds brings cheer to many of us waiting eagerly to splash in the rains. Of course not everything about rain is glamorous. Especially when you think about endless traffic jams, the bad roads dotted with potholes, uncleaned garbage and the spate of water borne diseases. Also viral infections like cold and cough make their presence felt. Most infectious diseases prevalent in the rainy season can be prevented by simply washing our hands regularly. Scrubbing hands regularly with water and soap can prevent us from contacting respiratory and diarrheal diseases.

Kids have a lower level of immunity and hence hand washing becomes a crucial part of their lifestyle. When playing especially during monsoon season kids come into contact with germs and can unknowingly become infected simply by touching their nose, eyes or mouth. The Food and Drug Administration states that the human influenza virus can survive on surfaces for up to eight hours, making people susceptible to catching it each time they touch the infected surface. Hence repeated hand washing is required.

To make the best of the rainy season we should follow some simple guidelines. First of all if we decide to get wet in rains we should change into a dry set of clothes at the earliest. Also we should keep raw food items at bay and wash vegetables and fruits thoroughly before use. Moreover, strict kitchen hygiene should be maintained in order to enjoy one of the most beautiful seasons of the year. Also, in order to have a trouble free rainy season home made fresh food should be given preference over the fast food sold in the market.

1. People wait for the rains since they can _____ in it.
(a) Splash (b) have potholed roads
(c) Spate of water borne diseases (d) endless traffic jams
2. After getting wet in rains we should put on dry clothes _____
(a) as late as possible (b) whenever we like to
(c) as early as possible (d) when we fall sick
3. Besides maintaining kitchen hygiene we should _____ so as to keep us disease free in the rainy season.
(a) avoid raw fruits (b) enjoy raw fruits
(c) avoid vegetables (d) consume more fruits and vegetables
4. The passage suggests that small children should wash their hands _____ in the rainy season since they have lower immunity.
(a) Frequently (b) rarely
(c) after every meal (d) before every meal
5. The word in the passage which means the same as 'prone and vulnerable' is-
(a) dotted (b) hygiene
(c) susceptible (d) influenza

6. Select the correct option to complete the narration of the dialogue between Raman and Tanu.

Raman: I'm really looking forward to the class picnic tomorrow.

Tanu: Yes, after a long time we will be meeting our friends and teachers.

Raman told Tanu that he was really looking forward _____.
Tanu agreed that after a long time they will be meeting their friends and teachers.

- (a) for the class picnic the very next day.
 (b) to the class picnic tomorrow.
 (c) to the class picnic the next day.
 (d) to the class picnic the very next day.

7. Change the voice of the following sentence.

- The boys were playing Cricket.

- (a) Cricket had been played by the boys.
 (b) Cricket has been played by the boys.
 (c) Cricket was played by the boys.
 (d) Cricket was being played by the boys.

8. Fill in with correct degree of comparison:

Platinum is _____ than any metal.

- (a) precious (b) more precious
 (c) most precious (d) many precious

9. Reshma is afraid _____ spiders.

- (a) from (b) in (c) about (d) of

10. Ramesh and Mahesh are friends. _____ are going to the school.

Select the correct option.

- (a) all (b) Both (c) both (d) All

SECTION – B – HINDI

11. बाजार से अच्छे फल और सब्जियाँ लाना । - रेखांकित पद के कारक का नाम बताइए ।

- (क) अधिकरण कारक (ख) करण कारक
 (ग) अपादान कारक (घ) सम्प्रदान कारक

12. पहाड़ के ऊपर की समतल जमीन - वाक्यांश के लिए एक शब्द का सही विकल्प चुनिए -

- (क) अधित्यका (ख) उपत्यका
 (ग) उपकृत (घ) अधिकृत

13. निम्नलिखित में से किस शब्द में 'द्विगु' और 'बहुब्रीहि' दोनों समास हैं ?

(क) महापुरुष

(ख) दानवीर

(ग) यथासमय

(घ) चतुरानन

14. 'सुमिरन' शब्द का तत्सम रूप निम्नलिखित में से कौन-सा है ?

(क) सिमरन

(ख) समिरन

(ग) सुमिरण

(घ) स्मरण

15. "पानी परात को हाथ छुयो नहिं, नैनन के जल सां पग धोए ।" पंक्ति में कौन-सा अलंकार है ?

(क) उत्प्रेक्षा

(ख) यमक

(ग) अतिशयोक्ति

(घ) रूपक

(प्रश्न 16 से 20)

* निम्नलिखित गद्यांश को पढ़कर उपयुक्त विकल्प का चयन कीजिए -

धरती पर जीवन के अस्तित्व को बनाए रखने के लिए जल का संरक्षण और बचाव बहुत जरूरी होता है क्योंकि बिना जल के जीवन संभव नहीं है। पूरे ब्रह्मांड में एक अपवाद के रूप में धरती पर जीवन-चक्र को जारी रखने में जल मदद करता है क्योंकि धरती इकलौता ऐसा ग्रह है जहाँ पानी और जीवन मौजूद है। पानी की जरूरत हमें जीवन भर है इसलिए इसको बचाने के लिए केवल हम ही जिम्मेदार हैं। संयुक्त राष्ट्र के संचालन के अनुसार, ऐसा पाया गया है कि राजस्थान में लड़कियाँ स्कूल नहीं जाती हैं क्योंकि उन्हें पानी लाने के लिए लम्बी दूरी तय करनी पड़ती है जो उनके पूरे दिन को खराब कर देती है इसलिए उन्हें किसी और काम के लिए समय नहीं मिलता है हम कह सकते हैं कि भारत और दूसरे विकासशील देशों में अशिक्षा, आत्महत्या, लड़ाई और दूसरे सामाजिक मुद्दों का कारण भी पानी की कमी है।

16. जल का संरक्षण एवं बचाव क्यों जरूरी है ?

(क) जीवन के अस्तित्व को बनाए रखने के लिए

(ख) युद्ध के लिए

(ग) सुख-सुविधा के लिए

(घ) इनमें से कोई नहीं

17. पूरे ब्रह्मांड में धरती को इकलौता ऐसा ग्रह क्यों कहा गया है ?

(क) धरती सभी ग्रहों से अधिक सुन्दर है

(ख) धरती पर जल और जीवन दोनों हैं

(ग) धरती 24 घंटों में सूर्य का एक चक्कर लगाती है

(घ) इनमें से कोई नहीं

18. गद्यांश में प्रयुक्त 'जल' और 'पानी' कैसे शब्द हैं ?

(क) पर्यायवाची शब्द

(ख) विलोम शब्द

(ग) एकार्थी शब्द

(घ) अनेकार्थी शब्द

19. 'अपवाद' शब्द में उपसर्ग है -

(क) अ

(ख) आ

(ग) अप

(घ) आप

20. 'सामाजिक' शब्द का मूल शब्द और प्रत्यय का सही विकल्प चुनिए -

(क) सामाज + इक

(ख) समाज + इक

(ग) समाज + ईक

(घ) सामाज + ईक

SECTION – C – MATHS

* Robin writes the properties of rational numbers as –

Property 1: For any two rational number x and y , $x + y = y + x$ Property

Property 2: For any two rational number x and y , $x - y = y - x$ Property

Property 3: For any two rational number x and y , $x \div y = y \div x$ Property

Property 4: For any two rational number x and y , $x \times y = y \times x$

21. Which properties written by Robin are incorrect?

(a) 2 and 4 are incorrect

(b) 1 and 4 are incorrect

(c) 2 and 3 are incorrect

(d) all are incorrect

* (Read given paragraph and answer question 22 and 23)

Mohit audited a company with 50 employees. The company records show its annual turnover (annual income) is ₹100 million, and taxes have been paid according to government norms.

22. Mohit observed that one fifth of the employees have an annual salary of less than ₹ 400,000. How many employees have an annual salary of less than 400,000?

(a) 20

(b) 5

(c) 15

(d) 10

23. This year, the company spent 20% of their income on office maintenance, 40% on paying salaries to their employees and 10% on miscellaneous things (including taxes). The rest of the amount is the profit gained by the company. How much profit did the company earn this year?

(a) ₹ 20 million

(b) ₹ 30 million

(c) ₹ 10 million

(d) 70 million

24. An integer is added to its multiplicative inverse. Which of the following statement is valid for the resultant number?

- (a) It is an integer (b) It is a fraction
 (c) It is always one (d) It is a rational number

25. Stephen, a Science enthusiast, is designing a wheel using spokes. He intends to fix spokes in such a manner that the angle between any two consecutive spokes is equal. If number of spokes=15 then angle= 24 degrees.

Find the number of spokes if angle between any two consecutive spokes is 40 degrees

- (a) 7 (b) 8 (c) 9 (d) 10

26. A badminton court is to be constructed in the colony. The perimeter of a rectangular court should be 240 m. If the length is 3 m more than twice its breadth. Answer the following question based on this situation.

Taking 'x' as breadth of the rectangular court, what is the linear equation in one variable formed ?

- (a) $3x - 117 = 0$ (b) $3x - 237 = 0$ (c) $240 = 7x$ (d) $3x - 114 = 0$

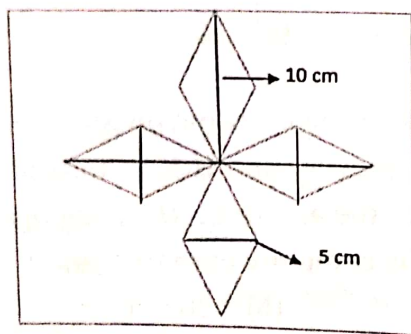
27. When we divide $(5x^2 - 80)x$ by $(x + 4)5x$ What is the quotient obtained?

- (a) $5x(x+4)$ (b) $(x+4)$ (c) $(x-4)$ (d) x

28. $(6^{-1} - 8^{-1})^{-1} + (2^{-1} - 3^{-1})^{-1} = \underline{\hspace{2cm}}$

- (a) 30 (b) 90 (c) $\frac{1}{4}$ (d) 29

29. A wall decoration is done with help of four rhombus shaped mirrors as shown in the figure. What is the area occupied by the decoration on the wall? (in square centimetre)



- (a) 25 cm^2 (b) 30 cm^2 (c) 100 cm^2 (d) 200 cm^2

30. What is the value of 99^2 ?

(a) 9091

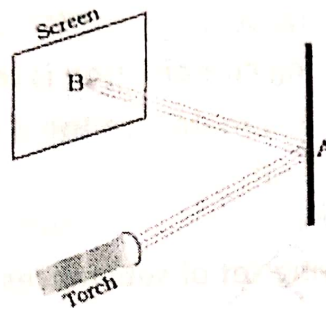
(b) 9801

(c) 9999

(d) 9900

SECTION – D - SCIENCE

31. Observe the picture given in Figure carefully.



A patch of light is obtained at B, when the torch is lighted as shown. Which of the following is kept at position A to get this patch of light?

(a) A wooden board

(b) A glass sheet

(c) A mirror

(d) A sheet of white paper

32. Which of the following mixtures would you be able to separate using the method of filtration?

(a) Oil in water

(b) Cornflakes in milk

(c) Salt in water

(d) Sugar in milk

33. Which of the following is the correct match between the characteristics of stem and the category of plant?

(a) weak stem which cannot stand upright	Creeper
(b) green tender stem	Shrub
(c) thick, hard stem with branching near the base	Tree
(d) thick, hard stem with branches high on the plant	Herb

34. Which of the following sources of protein is different from others?

(a) Peas

(b) Gram

(c) Soyabeans

(d) Cottage cheese (paneer)

35. Which of the following precautions need to be taken while using electric gadgets/appliances/circuit?

- (i) We should never touch a lighted electric bulb connected to the mains.
- (ii) We should never experiment with the electric supply from the mains or a generator or an inverter.
- (iii) We should never use just any wire or strip of metal in place of a fuse.
- (iv) We should never turn the switch in ON position, if appliance is not in use.

Which of the following combination is the correct answer?

- (a) (i) and (ii)
- (b) (ii) (iii) and (iv)
- (c) (i) (ii) and (iv)
- (d) (i) (ii) (iii) and (iv)

36. Which of the following set of substances contain acids?

- (a) Grapes, lime water
- (b) Vinegar, soap
- (c) Curd, milk of magnesia
- (d) Curd, vinegar

37. Breathing is a process that

- (i) provides O_2 to the body.
- (ii) helps the body to get rid of CO_2
- (iii) produces water in the cells.
- (iv) breaks down food to release energy.

Which of the following gives the correct combination of functions of breathing?

- (a) (i) and (ii)
- (b) (i) and (iii)
- (c) (ii) and (iv)
- (d) (ii) and (iii)

38. Suppose a new planet is discovered between Uranus and Neptune. Its time period would be

- (a) less than that of Neptune.
- (b) more than that of Neptune.
- (c) equal to that of Neptune or Uranus.
- (d) less than that of Uranus.

39. Materials which can be drawn into wires are called ductile. Which of the following is not a ductile material?

- (a) silver
- (b) sulphur
- (c) copper
- (d) aluminium

40. In human beings, the correct sequence of events during reproduction is __
- (a) gamete formation, fertilisation, zygote, embryo
 - (b) embryo, zygote, fertilisation, gamete formation
 - (c) fertilisation, gamete formation, embryo, zygote
 - (d) gamete formation, fertilisation, embryo, zygote

SECTION – E – SOCIAL SCIENCE

41. Identify the leader who is not considered as a Moderate but a Radical.

- (a) Aurobindo Ghosh
- (b) Dadabhai Naoroji
- (c) Surendranath Banerjee
- (d) Pherozeshah Mehta

42. Who was known as the 'father of Indian renaissance'?

- (a) Rabindranath Tagore
- (b) Raja Rammohan Roy
- (c) Swami Vivekananda
- (d) Mahatma Gandhi

43. Who is the Chairman of Rajya Sabha?

- (a) Prime Minister
- (b) President
- (c) Vice-President
- (d) Senior most member of Rajya Sabha

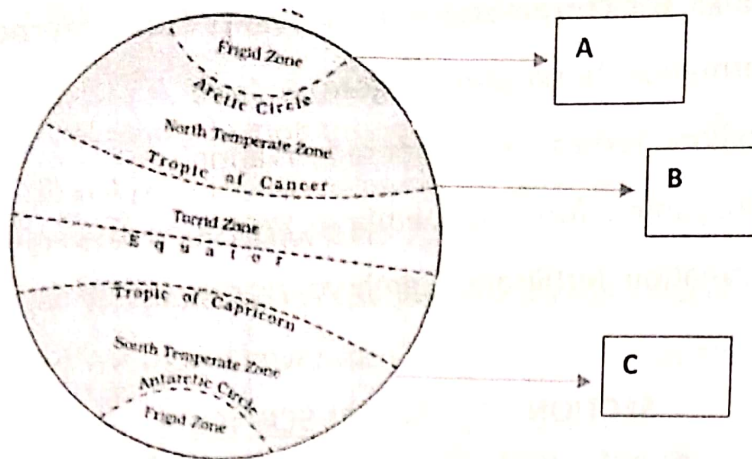
44. The existence of more than one level of government in any country is called –

- (a) Democracy
- (b) Federalism
- (c) Universal Adult Franchise
- (d) Monarchy

45. A piece of land that is surrounded by water on three sides is called?

- (a) Continent
- (b) Island
- (c) Peninsula
- (d) Isthmus

46. In the given figure of the Earth, the latitudinal value of latitudes indicated by A, B, C are respectively-



- (a) $23\frac{1}{2}^{\circ}\text{N}$; $66\frac{1}{2}^{\circ}\text{N}$; $23\frac{1}{2}^{\circ}\text{S}$ (b) $66\frac{1}{2}^{\circ}\text{N}$; $23\frac{1}{2}^{\circ}\text{N}$; $66\frac{1}{2}^{\circ}\text{S}$
 (c) $66\frac{1}{2}^{\circ}\text{N}$; $23\frac{1}{2}^{\circ}\text{N}$; $23\frac{1}{2}^{\circ}\text{S}$ (d) $23\frac{1}{2}^{\circ}\text{S}$; $66\frac{1}{2}^{\circ}\text{S}$; $66\frac{1}{2}^{\circ}\text{N}$

47. These countries share their land boundary with India. Arranging them from west to East respectively-

- (a) Afghanistan, Nepal, China, Myanmar (b) Nepal, Afghanistan, Myanmar, China
 (c) Afghanistan, China, Nepal, Myanmar (d) China, Afghanistan, Nepal, Myanmar

* Read the passage given below and answer the questions that follow-
 (Questions-48-50)

The bulk of our population is poor and illiterate. Their sorry condition poses a problem. On the one hand there is a shortage of teachers for Adult Education and on the other, the adults feel shy of starting to learn at a late age and attend classes. Moreover, the adult villagers have little time to spare for attending classes as the job of a farmer is very strenuous. In addition, he finds that what is taught at adult centres of education has no bearing on his daily needs, therefore he has become cynical about adult education.

It is necessary to make it more meaningful for farmers in the villages. In towns and cities also, emphasis should be laid at increasing literacy rate and encourage adult education. Though it can be made useful and work based to arise their interest. It should comprise types of system in which earning and learning go together. Efforts to enhance adult education will ultimately discourage tendency to migrate to towns for better earning.

48. What is needed for Adult Education in villages?

- (a) It should be agriculture-oriented (b) It should be free
 (c) It should be compulsory (d) It should be available in all villages.

49. The main problem in educating adults of villages is-

- (a) Financial helplessness to purchase books etc.
- (b) They hardly find time to study and feel shy.
- (c) Their inability to read and write.
- (d) There is hardly any room for schools in villages.

50. The education imparted should be-

- (a) Entertaining and interesting
- (b) Vocational
- (c) Useful and meaningful
- (d) Limited to cities.

Jan. Mar. 2016

Answer Key → 01

Section A (English)

1. (a)
2. (c)
3. (b)
4. (a)
5. (c)
- (Question 6-10)
6. (c)
7. (d)
8. (b)
9. (d)
10. (b)

Section B (Hindi)

11. (A)
12. (B)
13. (C)
14. (D)
15. (A)
- (प्रश्न 16-20)
16. (B)
17. (A)
18. (C)
19. (A)
20. (A)

Section C (Maths)

21. (c)
22. (d)
23. (b)
24. (d)
25. (c)
26. (a)
27. (c)
28. (a)
29. (c)
30. (b)

Section D (Science)

31. (c)
32. (b)
33. (a)
34. (d)
35. (d)
36. (d)
37. (a)
38. (a)
39. (b)
40. (a)

Section E (social sc.)

41. (a)
42. (b)
43. (c)
44. (b)
45. (c)
46. (c)
47. (c)
- (Question 48-50)
48. (a)
49. (b)
50. (c)