

सी एस आई आर -केन्द्रीय इलेक्ट्रॉनिकी अभियांत्रिकी अनुसंधान संस्थान, पिलानी  
CSIR-Central Electronics Engineering Research Institute, Pilani

विज्ञान एवं प्रौद्योगिकी मंत्रालय / Ministry of Science and Technology

भारत सरकार / Government of India

तकनिशनीयन (1) – के पद के चयन हेतु लिखित परीक्षा (विज्ञापन संख्या 01/2022)

Written Test for selection to the Post of Technician-(1) (Advt. No. 01/2022)

प्रश्न पत्र -II/ Question Paper -II

सामान्य जागरूकता एवं अंग्रेजी भाषा / General Awareness & English Language

B

अधिकतम अंक / Maximum Marks : 150

अभ्यर्थी का नाम / name of the candidate

तिथि / Date : 04.06.2023

समय / Time : 30 मिनट / 30 Minutes

अनुक्रमांक सं / Roll No.

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**अभ्यर्थियों के लिए अनुदेश / Instructions to the Candidates**

1. प्रश्न-पत्र, 50 प्रश्नों (25 सामान्य जागरूकता एवं 25 अंग्रेजी भाषा) से युक्त प्रश्न-पुस्तिका के रूप में है और परीक्षा की अवधि 30 मिनट है।

The Question paper is in the form of Question Booklet with 50 questions (25 General Awareness & 25 English Language) and the duration of the test is 30 Minutes.

2. चार विकल्पों सहित वस्तुनिष्ठ प्रकार के प्रश्न होंगे जिनमें से सिर्फ एक असंदिग्ध रूप से सही होगा।

The questions will be objective type with four options out of which only one will be unambiguously correct.

3. प्रत्येक प्रश्न के लिए 03 अंक होंगे और प्रत्येक गलत उत्तर के लिए एक अंक काटा जाएगा।

Each question carries 03 marks and one mark will be deducted for each wrong answer.

4. प्रश्नों के उत्तर देने के लिए अलग ओएमआर उत्तर-पुस्तिका दी जाएगी।

A separate OMR answer sheet with carbon coated copy will be provided to mark the answer options.

5. आपको, उत्तर-पुस्तिका में दिए गए अनुदेशों के अनुसार, नीली / काली स्याही के बॉल पॉइंट पेन से ओएमआर उत्तर-पुस्तिका के संबंधित ऑवल को अंकित करके सही उत्तर का चयन करना है।

You have to select the right answer by marking the corresponding oval on the OMR answer sheet by blue/black ball point pen as per instructions given in the answer sheet.

6. एक प्रश्न के लिए अनेक उत्तर गलत माना जाएगा।

Multiple answers for one question will be regarded as a wrong answer.

7. ऊपर दाएं कोने में मुद्रित प्रश्न-पुस्तिका कोड ओएमआर उत्तर-पुस्तिका पर निर्दिष्ट स्थान पर लिखना चाहिए।

Question booklet code printed on the top right corner should be written in the OMR answer sheet in the space provided.

8. प्रश्न-पुस्तिका में अपना नाम तथा अनुक्रमांक सही लिखें।

Enter your Name and Roll Number correctly in the question booklet.

9. ओएमआर उत्तर-पुस्तिका में सभी प्रविष्टियाँ नीली / काली स्याही के बॉल पॉइंट पेन से ही की जानी चाहिए।

All entries in the OMR sheet should be with **blue/black ball point pen** only.

10. परीक्षा हॉल में निरीक्षक की उपस्थिति में ही आपको उपस्थिति पत्रक पर हस्ताक्षर करना चाहिए।

You should sign attendance sheet only in the presence of the Invigilator in the examination hall.

11. लिखित परीक्षा हॉल के भीतर कंप्यूटर, कलकुलेटर, मोबाइल फोन तथा अन्य इलेक्ट्रॉनिक गैजेट्स, पाठ्य पुस्तकें, नोट आदि लाने की अनुमति नहीं दी जाएगी।

Computers, calculators, mobile phones and other electronic gadgets, text books, notes etc. will not be allowed inside the written test hall.

12. परीक्षा पूर्ण होने पर, मूल ओएमआर उत्तर-पुस्तिका निरीक्षक को सौंपें तथा दूसरी प्रति (पीले रंग )अपने पास रखें।

On completion of the test, original OMR answer sheet to the invigilator and retain the duplicate copy (Yellow color) with you.

13. प्रश्न-पुस्तिका निरीक्षक को सौंपें।

Return the question booklet to invigilator.

14. परीक्षा के दौरान अभ्यर्थियों को परीक्षा हॉल छोड़ने की अनुमति नहीं है।

Candidates are not permitted to leave the examination hall during the examination.

## प्रश्न पत्र/ Question Paper -II

पद/ Post: तकनीशियन (1) / Technician (1)

विषय/ Subject: सामान्य जागरूकता एवं अंग्रेजी भाषा /General Awareness &amp; English language

कुल प्रश्न / Total Question: 50

समय /Time: 30मिनट /minutes

## PART A (General Awareness)

1. Which of the following solutions are people encouraged to adopt to get rid of non-biodegradable wastes:

गैर-बायोडिग्रेडेबल कचरे से छुटकारा पाने के लिए लोगों को निम्नलिखित में से कौन से समाधान अपनाने के लिए प्रोत्साहित किया जाता है:

- a) Burning/ जलाना
- b) Dumping / फेंकना
- c) Burying/ गाढना
- d) Recycling / पुनर्चक्रण

2. Who is known as the 'Father of Geometry'?

'ज्यामिति के जनक' के रूप में किसे जाना जाता है?

- a) Pythagoras/ पाइथागोरस
- b) Euclid/ यूक्लिड
- c) Aristotle/ एरिस्टोटल
- d) Kepler/ केप्लर

3. 'Tansen Samman' is given by the Government of which State?

'तानसेन सम्मान' किस राज्य की सरकार द्वारा दिया जाता है?

- a) Uttar Pradesh/ उत्तर प्रदेश
- b) Madhya Pradesh/ मध्य प्रदेश
- c) Gujarat/ गुजरात
- d) Maharashtra / महाराष्ट्र

4. Which of the following does the head of a safety match contain-  
माचिस की तिली के अग्र भाग में निम्न में से क्या होता है ?

- a) Antimony carbonate/ एंटीमनी कार्बोनेट
- b) Potassium sulphide/ पोटैशियम सल्फाइड
- c) Antimony trisulphide / एंटीमनी ट्राई सल्फाइड
- d) Manganese dioxide/ मैंगनीज डाइऑक्साइड

5. Who designed the National Flag of India?

भारत के राष्ट्रीय ध्वज को किसने डिजाइन किया था?

- a) Rabindranath Tagore/ रविन्द्र नाथ टैगोर
- b) Pingali Venkayya/ पिंगाली वेंकय्या
- c) Jawaharlal Nehru / जवाहर लाल नेहरू
- d) Bankim Chandra Chatterjee/ बंकिम चन्द्र चटर्जी

6. *The Maratha* and *The Kesri* were the two main newspapers started by which of the following people?

मराठा और केसरी निम्नलिखित में से किस व्यक्ति द्वारा शुरू किए गए दो प्रमुख समाचार पत्र थे?

- a) Lala Lajpat Rai / लाला लाजपत राय
- b) Gopal Krishna Gokhale/ गोपाल कृष्ण गोखले
- c) Bal Gangadhar Tilak / बाल गंगाधर तिलक
- d) Madan Mohan Malviya / मदन मोहन मालवीय

7. Which Cricket Team won the Ranji Trophy 2022-23?

2022-23 में रणजी ट्रॉफी कौन सी क्रिकेट टीम ने जीता ?

- a) Uttarakhand cricket team/ उत्तराखंड क्रिकेट टीम
- b) Karnataka cricket team/ कर्नाटक क्रिकेट टीम
- c) Saurashtra cricket team / सौराष्ट्र क्रिकेट टीम
- d) Madhya Pradesh cricket team / मध्य प्रदेश क्रिकेट टीम

8. Where did Gautam Buddha give his first sermon?

गौतम बुद्ध ने अपना पहला उपदेश कहाँ दिया था?

- a) Gaya/ गया
- b) Rajgriha/ राजगृह
- c) Sarnath/ सारनाथ
- d) Sanchi/ साँची

9. In which European country did the Velvet Revolution take place in 1989?

1989 में किस यूरोपीय देश में मखमली क्रांति हुई थी?

- a) Czechoslovakia/ चेकोस्लोवाकिया
- b) France/ फ्रांस
- c) Germany/ जर्मनी
- d) Italy /इटली

10. Article 368 of the Constitution of India deals with

भारत के संविधान का अनुच्छेद 368 संबंधित है

- a) the powers of Parliament to amend the Constitution and its procedure. / संविधान और इसकी प्रक्रिया में संशोधन करने की संसद की शक्तियाँ
- b) protection of interests of minorities / अल्पसंख्यकों के हितों की सुरक्षा
- c) right to equality of opportunity in public employment / सार्वजनिक रोजगार में अवसर की समानता का अधिकार
- d) protection of life and personal liberty/ जीवन और व्यक्तिगत स्वतंत्रता की सुरक्षा

11. Which is the smallest (in area) of the following Union Territories?

क्षेत्रफल की दृष्टि से केंद्र शासित प्रदेशों में सबसे छोटा प्रदेश कौन सा है ?

- a) Chandigarh/ चंडीगढ़
- b) Dadra and Nagar Haveli/ दादरा और नगर हवेली
- c) Daman and Diu/ दमन और दिउ
- d) Lakshadweep/ लक्षद्वीप

12. The United Nations officially came into existence on:

संयुक्त राष्ट्र संघ आधिकारिक तौर पर कौन सी तिथि को अस्तित्व में आया था ?

- a) January 1, 1942/ 1 जनवरी 1942
- b) October 3, 1944/ 3 अक्टूबर 1944
- c) October 24, 1945/ 24 अक्टूबर 1945
- d) June 26, 1945/ 26 जून 1945

13. Which satellite was launched aboard the PSLV-C54 rocket by ISRO?

इसरो द्वारा पीएसएलवी-सी54 रॉकेट से किस उपग्रह को लॉन्च किया गया था?

- a) HAMSAT/ हेमसैट
- b) Earth Observation Satellite-6 (EOS-06)/ अर्थ ऑब्जर्वेशन सैटेलाइट-6
- c) Mars Orbiter Mission/ मंगल कक्षित्र मिशन
- d) Rohini RS-D2 / रोहिणी आर एस-डी-2

14. When is World Social Justice Day celebrated?

विश्व सामाजिक न्याय दिवस कब मनाया जाता है?

- a) 21 February / 21 फरवरी
- b) 23 February / 23 फरवरी
- c) 20 February / 20 फरवरी
- d) 17 February / 17 फरवरी

15. The largest producer of world's mica is:

विश्व का अभ्रक का सबसे बड़ा उत्पादक है:

- a) U.S.A/ अमरीका
- b) China/ चीन
- c) Canada/ कनाडा
- d) India/ भारत

16. Professor Amartya Sen is famous in which of the following fields?

प्रोफेसर अमर्त्य सेन निम्नलिखित में से किस क्षेत्र में प्रसिद्ध हैं?

- a) Biochemistry/ जीव रसायन
- b) Electronics/ इलेक्ट्रॉनिक्स
- c) Economics/ अर्थ शास्त्र
- d) Geology/ भूगर्भ शास्त्र

17. When is International Day for the Elimination of Violence against Women celebrated?

महिलाओं के खिलाफ हिंसा के उन्मूलन के लिए अंतर्राष्ट्रीय दिवस कब मनाया जाता है?

- a) 25 November/ 25 नवम्बर
- b) 2 July / 2 जुलाई
- c) 16 January / 16 जनवरी
- d) 22 August/ 22 अगस्त

18. Who is the author of the Harry Potter Book Series?

हैरी पॉटर बुक सीरीज के लेखक कौन हैं?

- a) Charles Dickens/ चार्ल्स डिकेन्स
- b) Nick Middleton/ निक मिडलेटन
- c) J.K. Rowling/ जे के रोव्लिंग
- d) Edward Klein/ एडवर्ड क्लेन

19. Who was the first Indian woman to win an Olympic medal?

ओलंपिक पदक जीतने वाली पहली भारतीय महिला कौन थी?

- a) Saina Nehwal/ सायना नेहवाल
- b) P.T. Usha/ पी. टी उषा
- c) Geeta Phogat/ गीता फोगाट
- d) Karnam Malleswari/ कर्णम मल्लेश्वरी

20. Which one of the following glasses is used in bulletproof screens?

निम्नलिखित में से कौन सा कांच बुलेटप्रूफ स्क्रीन में प्रयोग किया जाता है?

- a) Soda glass / सोडा कांच
- b) Pyrex glass/ पायरेक्स कांच
- c) Jena glass/ जेना कांच
- d) Reinforced glass / रेनफोर्सड कांच

21. What is the currency of Algeria called?

अल्जीरिया की मुद्रा को क्या कहा जाता है?

- a) Euro/ यूरो
- b) Dollar/ डॉलर
- c) Yen/ येन
- d) Dinar/ दिनार

22. The Rath Yatra at Puri is celebrated in honour of which Hindu deity:

पुरी में रथ यात्रा किस हिंदू देवता के सम्मान में मनाई जाती है?

- a) Ram / राम
- b) Jagannath/ जगन्नाथ
- c) Shiva/ शिव
- d) Vishnu/ विष्णु

23. The term 'Butterfly Stroke' is referred to in which sport?

' बटरफ्लाई स्ट्रोक ' शब्द का प्रयोग किस खेल में किया जाता है?

- a) Tennis/ टेनिस
- b) Volleyball/ वॉलीबाल
- c) Wrestling/ कुश्ती
- d) Swimming/ तैराकी

24. What is the International Date Line?

अंतर्राष्ट्रीय तिथि रेखा क्या है?

- a) It is the equator/ यह भूमध्य रेखा है
- b) It is the 0° longitude/ यह 0° देशांतर है
- c) It is the 90° east longitude/ यह 90° पूर्वी देशांतर है
- d) It is the 180° longitude/ यह 180° देशांतर है

25. Charkula and Dadra are the dance form of which state?

चरकुला और दादरा किस राज्य का नृत्य है?

- a) Bihar/ बिहार
- b) Gujarat / गुजरात
- c) Uttar Pradesh/ उत्तर प्रदेश
- d) Punjab / पंजाब

PART B (English Language)

26. Choose the correct verb:

Despite our best efforts, we failed to . . . . . any new facts from him.

- a) elicit
- b) enhance
- c) encode
- d) enlist

27. "It is an uphill task but you will have to do it" means:

- a) It is a very easy task but you must do it.
- b) It is a very difficult task but you have to do it.
- c) The work is above the hill and you have to do it.
- d) The work is not reserved for you but you must do it.

28. Fill in the blank with an appropriate helping verb from those given below:

Due to heavy rains the number of trucks crossing the hill last week  
\_\_\_\_\_ very small.

- a) are being
- b) were
- c) was
- d) are

29. Choose the correct statement:

- a) Do not make friend with selfish people.
- b) Do not make friendship with selfish people.
- c) Do not make friends with selfish people.
- d) Do not make friendly with selfish people.

30. Fill in the blank with an appropriate phrasal verb from those given below:

With the weather worsening, they've \_\_\_\_\_ the search for survivors.

- a) turned down
- b) called off
- c) turned off
- d) called up

31. Change the following sentence to indirect speech. Choose the correct answer from the options given below:

I said to her, "Why are you working so hard?"

- a) I asked her why was she working so hard.
- b) I asked her why she was working so hard.
- c) I asked her why she works so hard.
- d) I asked her why had she been working so hard.

32. Fill in the blank with the correct form of the verb as given below:

Have you ever \_\_\_\_\_ (fly) in a hot air balloon before?

- a) fly
- b) did fly
- c) flew
- d) flown

33. Choose the correct article:

It's ..... old house and needs some repairs.

- a) the
- b) an
- c) a
- d) none

34. Fill in the blanks using an appropriate relative pronoun from the following:

We have only called the people \_\_\_\_\_ work is relevant to this project.

- a) whom
- b) whose
- c) who
- d) whoever

35. Convert the following direct speech to indirect:

She said, "My mother is cooking food."

- a) She said that her mother was cooking food.
- b) She said that my mother was cooking food.
- c) She said that her mother is cooking food.
- d) She said that my mother is cooking food.

36. Convert to passive voice:

A French artist built the tower in 1802.

Choose the correct answer of the following:

- a) The tower was being built by a French artist in 1802.
- b) The tower had been built by a French artist in 1802.
- c) The tower built in 1802.
- d) The tower was built by a French artist in 1802.

37. Choose the correct answer to replace the underlined clause:

If I was you I would not treat him like this.

- a) Was I you
- b) If I have been you
- c) If I were you
- d) If we were you

38. Which of the following sentences is correct:

- a) I do not knew the answer so I just kept quiet.
- b) I didn't know the answer so I just kept quiet.
- c) I didn't knew the answer so I just kept quiet.
- d) I didn't known the answer so I just kept quiet.

39. Complete the following conditional sentence using the correct option:

If I had known it before, \_\_\_\_\_.

- a) I would tell you.
- b) I shall tell you.
- c) I would have told you.
- d) I can tell you.

40. Which of the following idioms means:

"To deal with a problem only when it arises."

- a) Cross the bridge when you come to it.
- b) To climb the band wagon
- c) It takes two to tango.
- d) At the drop of a hat.

41. "If you \_\_\_\_\_ water for a long time, it boils." Which is correct?

- a) heated
- b) heat
- c) had heated
- d) are heating

42. Fill in the blank with the correct preposition:

We have been living in this house \_\_\_\_\_ 2005.

- a) for
- b) since
- c) when
- d) before

43. Choose the correct preposition:

Please don't laugh \_\_\_\_\_ those children.

- a) against
- b) on
- c) at
- d) about

44. Transform the following compound sentence into a simple sentence:

We must eat, or we cannot live.

- a) We must live to eat.
- b) We must eat to live.
- c) We can't live if we eat.
- d) We can't eat if we live.

45. Place the adjectives in brackets in the most likely order within the blank:

This is a \_\_\_\_\_ painting (nineteenth-century, mural, famous, Kerala)

- a) This is a *nineteenth-century famous mural Kerala* painting.
- b) This is a *nineteenth-century famous Kerala mural* painting.
- c) This is a *famous nineteenth-century Kerala mural* painting.
- d) This is a *famous Kerala nineteenth-century mural* painting.

46. Fill in the blank with the correct preposition:

The teacher is popular \_\_\_\_\_ his pupils.

- a) to
- b) among
- c) with
- d) for

47. Fill in the blank with the appropriate helping verb:

- a) His aim and objective \_\_\_ to pass the C.A. examination.
- a) are
- b) were
- c) is
- d) am

48. Choose the right expression to make a meaningful conditional sentence:

If the wall wasn't so high, I \_\_\_ over it to get into our garden.

- a) could have climbed
- b) climb
- c) am climbing
- d) climbed

49. Fill in the correct verb:

How much did it . . . . . to reach Varanasi by car?

- a) charge
- b) price
- c) cost
- d) pay

50. Fill in the blanks using appropriate determiners. Choose the correct option from the following:

Although \_\_\_\_\_ species of fox are reddish in color, \_\_\_\_\_ Arctic fox is often pure white.

- a) most / the
- b) more / an
- c) much / a
- d) all / few