

CSIR-CENTRAL LEATHER RESEARCH INSTITUTE, ADYAR, CHENNAI.

Question Booklet No: 26

Admit
Card No.

--	--	--	--	--	--

Recruitment to the Gr III (1&2) Technical Assistant posts, CLRI Advt. No.03/2022

Total Time Allowed : 90 minutes

Total Marks : 200

Read the following INSTRUCTIONS carefully before you begin to answer the questions.

1. The Schedule of Competitive Written Examination is as follows:

Paper I (Time Allotted – 60 minutes) {from 10.00 a.m. to 11.00 a.m. The candidates will be provided with a Multiple Choice Question paper and OMR Answering Sheet}

Subject	Number of Questions	Maximum Marks	Negative Marks
Mental Ability Test	50	100 (two mark for every correct answer)	There is no negative mark for wrong answer

Paper II (Time Allotted – 30 minutes) { from 11.15 a.m. to 11.45 a.m. The candidates will be provided with a Multiple Choice Question paper and OMR Answering Sheet}

Subject	Number of Questions	Maximum Marks	Negative Marks
General Awareness	25	75 (three mark for every correct answer)	One negative mark for each wrong answer
General English	25	75 (three mark for every correct answer)	One negative mark for each wrong answer

2. The candidates shall have to return the Answer Sheets of Paper I and Paper II to the Invigilator at the end of Paper I and Paper II, respectively.
3. The Question Booklet of Paper I and Paper II will be supplied 10 minutes prior to the commencement of respective Tests.
4. The Candidates may take with them Question Booklet / Question Paper of Paper I & Paper II on conclusion of examination.
5. Candidates will be NOT be allowed to leave the Examination Hall before completion of both Paper I and Paper II.
6. Candidates should check as to whether all the questions in Question Booklet of Paper I are in series and ensure that there are no blank pages in the Question Booklet. In case, any defect in the Question Booklet is noticed, the same should be reported to the Invigilator immediately and get it replaced with a new Question Booklet.
7. Candidate must write their Admit Card Number in the space provided on the top right side of Question Booklet. Do not write anything else on the Question Booklet/Paper other than in the blank sheets provided for Rough Work at the end of question booklet.
8. Each question comprises of **four** responses viz. (A), (B), (C) and (D). Only one of the response is correct answer. The Candidates have to select ONE response which they consider is correct and mark it in the Answer Sheet.
9. The Answer Sheet (OMR) has **four** circles against each question as (A) (B) (C) and (D). To answer the questions, the candidates are required to blacken One circle which they consider is correct answer, with Blue or Black Ball Point pen. For e.g. if for any question, (B) is correct answer, the candidate has to mark as (A) (B) (C) (D). The candidates are warned that if they blacken more than one circle for one question, the answer will be treated as wrong.
10. Total marks in the Paper will be based on number of correct responses marked by the Candidate in the Answer Sheet.
11. The last page of the Question Booklet of Paper I and Paper II, may be used for rough work.
12. In all matters of doubt in Hindi and English version of Question Booklet for Paper I and Paper II, the English version shall be final.
13. The candidates shall abide by the instructions issued by the Invigilator/ Exam Officials. Failure to comply with any of the instructions may render the candidate liable to such action as may be decided by the Competent Authority, CLRI.
14. I have read the instructions given above and the instruction given in the Notification dated 21.07.2023 in the CSIR-CLRI website "www.clri.org" and agree to the same.

सीएसआईआर-केन्द्रीय चर्म अनुसंधान संस्थान, अडयार, चेन्नई

प्रश्न पुस्तिका सं. :

प्रवेश पत्र सं.

--	--	--	--	--	--

Gr III (1&2) तकनीकी सहायक के पदों में भर्ती, सीएलआरआई विज्ञापन सं.: 03/2022

कुल आबंटित समय : 90 मिनट

कुल अंक : 200

प्रश्नों का उत्तर देने से पहले निम्नलिखित निर्देशों को ध्यान से पढ़ें।

- प्रतियोगिता लिखित परीक्षा का नियत समय नीचे दिया गया है।

पेपर I (समय आबंटित 60 मिनट) (पूर्वाह्न 10.00 बजे से 11.00 बजे तक। उम्मीदवार को बहुविकल्पीय प्रश्न पत्र के साथ उत्तर शीट दिये जायेंगे।)

विषय	प्रश्नों की संख्या	अधिकतम अंक	नेगटिव मार्किंग
बौद्धिक क्षमता परीक्षा	50	100 (प्रत्येक सही उत्तर के लिए दो अंक)	इस पेपर में नेगटिव मार्किंग नहीं है

पेपर II (आबंटित समय – 30 मिनट) पूर्वाह्न 11.15 बजे से 11.45 बजे तक। उम्मीदवार को बहुविकल्पीय प्रश्न पत्र के साथ उत्तर शीट दिये जायेंगे।

विषय	प्रश्नों की संख्या	अधिकतम अंक	नेगटिव मार्किंग
सामान्य जानकारी	25	75 (प्रत्येक सही उत्तर के लिए तीन अंक)	प्रत्येक गलत उत्तर के लिए एक अंक काटा जाएगा
सामान्य अंग्रेजी	25	75 (प्रत्येक सही उत्तर के लिए तीन अंक)	प्रत्येक गलत उत्तर के लिए एक अंक काटा जाएगा

- उम्मीदवार, पेपर I एवं पेपर II के अंत में क्रमशः परीक्षा पर्यवेक्षक को पेपर I एवं पेपर II की उत्तरपुस्तिकाओं को वापस करें।
- पेपर I एवं पेपर II के प्रश्न पुस्तिकाओं को क्रमशः परीक्षा के प्रारंभ के 10 मिनट पूर्व दिए जाएंगे।
- उम्मीदवार परीक्षा के अंत में पेपर I और पेपर II के प्रश्न पुस्तिकाओं / प्रश्न पत्र को अपने साथ ले जा सकते हैं।
- किसी भी उम्मीदवार को, पेपर I और पेपर II के समाप्ति से पहले परीक्षा कमरे से बाहर नहीं जाने दिया जायेगा।
- उम्मीदवार अपने पेपर I को जाँचे कि प्रश्न पत्र में सभी प्रश्न श्रेणीगत हैं और यह सुनिश्चित कर लें कि प्रश्न पत्र के बीच कोई खाली पन्जे न हों। यदि प्रश्न-पत्र में कोई त्रुटि नज़र आये, तो उसे तुरंत निरीक्षक को अवगत करायें और उसे, उसी श्रेणी के नये प्रश्न पत्र से बदल लें।
- उम्मीदवार पेपर I प्रश्नपत्र के ऊपरी दाईं तरफ दिए गए उक्त स्थान पर अपना प्रवेश पत्र संख्या लिखें। इसके अलावा, प्रश्नपत्र में और कुछ न लिखें। रफ काम प्रश्न पत्र के अंतिम पन्नों में किया जा सकता है।
- प्रत्येक प्रश्न के चार विकल्प (A), (B), (C) और (D) हैं। उनमें से केवल एक ही सही उत्तर है। उम्मीदवार केवल एक विकल्प, जिसे वे सही समझते हों, उसे उत्तर शीट पर चिह्नित करें।
- उत्तर शीट पर प्रत्येक प्रश्न के सामने चार ① ② ③ ④ के बृत होंगे। उत्तर देने के लिए, उम्मीदवार जिस उत्तर को वे सही समझते हों उस बृत को नीले या काले बॉल पाइन्ट पेन से काला करना है। उदाहरण के लिए यदि किसी का उत्तर ② है, तो उम्मीदवार को, इस तरीके से चिह्नित करना है: ① ● ③ ④ उम्मीदवार को चेतावनी दी जाती है कि यदि, एक प्रश्न के लिए एक से अधिक बृत को काला करेंगे तो उस उत्तर को गलत माना जायेगा।
- पेपर के कुल अंकों का निर्धारण, उत्तर शीट पर उम्मीदवार द्वारा दिये गये सही उत्तर चिन्हों की संख्या के आधार पर किया जायेगा।
- पेपर I और पेपर II के अंतिम पन्नों को रफ काम के लिए उपयोग किया जा सकता है।
- यदि हिन्दी और अंग्रेजी के पेपर I और पेपर II के परस्पर प्रश्नों में कोई संदेह हो तो, अंग्रेजी पत्र के प्रश्न को सही माना जाएगा।
- उम्मीदवार निरीक्षक/परीक्षा अधिकारियों द्वारा जारी किए गए निर्देशों का पालन करेंगे। किसी भी निर्देश का पालन नहीं करने पर, सक्षम प्राधिकारी, सीएलआरआई द्वारा उम्मीदवारों के विरुद्ध उचित कार्रवाई की जा सकती है।
- मैंने ऊपर दिये निर्देशों को पढ़ लिया है, तथा www.clri.org वेबसाइट में दिनांक 21.07.2023 को दी गई अधिसूचना के निर्देशों को भी पढ़ लिया है और मैं उनसे समहत हूँ।

Invigilator's Signature

Paper II

Total Time: 30 Minutes

Total Marks: 50 x 3 = 150

PART- A (General Awareness) (25 Questions)

1. What is the maximum number of Members in Lok Sabha ?
 - A. 512
 - B. 542
 - C. 552
 - D. 532
2. Defeat of which dynasty paved way for the establishment of Mauryan dynasty ?
 - A. Nanda Dynasty
 - B. Gupta Dynasty
 - C. Chera Dynasty
 - D. Hoysala Dynasty
3. Which Article is related to "Abolition of Untouchability"?
 - A. Article 20
 - B. Article 19
 - C. Article 18
 - D. Article 17
4. Who discovered bacteria ?
 - A. Louis Pasteur
 - B. Leeuwenhoek
 - C. Robert Hooke
 - D. Torricelli
5. Panna National Park is in which state ?
 - A. Rajasthan
 - B. Maharashtra

- C. Gujarat
- D. Madhya Pradesh

6. Fathometer is used to measure

- A. Earthquake
- B. Rainfall
- C. Ocean depth
- D. Sound intensity

7. Who is known as 'the father of Indian missile technology'?

- A. U R Rao
- B. Dr.A.P.J.Abdul Kalam
- C. Dr.Chidambaram
- D. Dr.Homi Bhabha

8. Bats can fly in the dark because

- A. They have a better vision in the dark
- B. The light startles in them
- C. They produce high pitched sounds called ultrasonics
- D. None of the above

9. Name the plant important in sericulture

- A. Pea
- B. Legumes
- C. Mulberry
- D. Cassia

10. Federation cup, World cup, Allwyn international trophy and challenge cup are associated with

- A. Tennis
- B. Volleyball

- C. Basketball
- D. Swimming

11. The human heart is

- A. Neurogenic heart
- B. Myogenic heart
- C. Pulsating heart
- D. Ampullary heart

12. The book ' Gullivers Travels ' was written by

- A. Charles Lamb
- B. Charles Dickens
- C. Alexander Dumas
- D. Jonathan Swift

13. The purest form of iron is

- A. Wrought iron
- B. Steel
- C. Pig iron
- D. Nickel steel

14. Hydrogen bomb is based on the principle of

- A. Nuclear fission
- B. Nuclear fusion
- C. Natural radioactivity
- D. Artificial radioactivity

15. The Standard of living in a country is represented by its

- A. Poverty Ratio
- B. Per Capita Income
- C. National Income
- D. Unemployment Rate

16. The Eastern coast of India is known as

- A. Eastern plateau
- B. Bengal Coast
- C. Coromandal Coast
- D. Cyclonic Coast

17. The most popular folk dance of Tamil Nadu

- A. Karagam
- B. Koodiyattam
- C. Yakshagana
- D. Kathakali

18. The working principle of a washing machine is

- A. Reverse osmosis
- B. Diffusion
- C. Centrifugation
- D. Dialysis

19. The legal advisor to the State Government is known as

- A. Advocate – General
- B. Attorney – General
- C. Solicitor - General
- D. State Public Prosecutor

20. Double fault is associated with which game

- A. Golf
- B. Tennis
- C. Chess
- D. Football

21. ___ are attempts by individuals to obtain confidential information from you by falsifying their identity

- A. Phishing trips
- B. Computer viruses
- C. Phishing scams
- D. Spyware scams

22. Which Olympian recently won the Lausanne Diamond League 2023 ?

- A. Shivpal Singh
- B. Annu Rani
- C. Elizabeth Davenport
- D. Neeraj Chopra

23. Meta, the parent company of Facebook, has launched which app as a competitor to Twitter ?

- A. Alpha
- B. Meta
- C. Threads
- D. Fandom

24. India and which country have recently started bilateral trade in rupees ?

- A. Russia
- B. Bangladesh
- C. Pakistan
- D. Sri Lanka

25. What does the term "Sengol" mean, which is placed in the new parliament building ?

- A. Integrity
- B. Righteousness
- C. Hard work
- D. Victory of Truth

पेपर II

कुल समय : 30 मिनट

कुल अंक: $50 \times 3 = 150$

भाग-A (सामान्य जागरूकता) (25 सवाल)

- लोकसभा में सदस्यों की अधिकतम संख्या कितनी है?
 - 512
 - 542
 - 552
 - 532
- किस राजवंश की हार से मौर्य राजवंश की स्थापना का मार्ग प्रशस्त हुआ है?
 - नंद राजवंश
 - गुप्त राजवंश
 - चेरा राजवंश
 - होयसला राजवंश
- कौन सा अनुच्छेद "अस्पृश्यता उन्मूलन" से संबंधित है?
 - अनुच्छेद 20
 - अनुच्छेद 19
 - अनुच्छेद 18
 - अनुच्छेद 17
- बैकटीरिया की खोज किसने की?
 - लुई पाश्चर
 - ल्यूवेनहॉक
 - रॉबर्ट हुक
 - टोरिसेली

5. पन्ना राष्ट्रीय उद्यान किस राज्य में है?

- राजस्थान
- महाराष्ट्र
- गुजरात
- मध्य प्रदेश

6. फेथोमीटर का उपयोग _____ मापने के लिए किया जाता है

- भूकंप
- वर्षा
- महासागर की गहराई
- ध्वनि तीव्रता

7. 'भारतीय मिसाइल प्रौद्योगिकी का जनक' किसे कहा जाता है?

- यू.आर.राव
- डॉ.ए.पी.जे. अब्दुल कलाम
- डॉ.चिदंबरम
- डॉ. होमी भाभा

8. चमगादड़ अंधेरे में उड़ सकते हैं क्योंकि

- अंधेरे में उनकी दृष्टि बेहतर होती है
- उनके भीतर प्रकाश प्रारंभ होता है
- वे उच्च आवृत्ति की ध्वनियाँ उत्पन्न करते हैं जिन्हें अल्ट्रासोनिक्स कहा जाता है
- उपरोक्त में से कोई नहीं

9. रेशम के उत्पादन में महत्वपूर्ण पौधे का नाम बताइये

- मटर
- फलियाँ
- शहतूत
- कैसिया

10. फेडरेशन कप, विश्व कप, ॲल्लिवन अंतरराष्ट्रीय ट्रॉफी और चैलेंज कप किससे संबंधित हैं

- टेनिस
- वॉलीबॉल

C. बास्केटबॉल

D. तैराकी

11. मनुष्य का हृदय _____ है

A. तंत्रिकाजन्य हृदय

B. पेशीजनक हृदय

C. धड़कता हृदय

D. उभयचर हृदय

12. 'गुलिवर्स ट्रेवल्स' पुस्तक किसके द्वारा लिखी गई थी?

A. चाल्स लैम्ब

B. चाल्स डिकेंस

C. अलेक्जेंडर डुमास

D. जोनाथन स्विफ्ट

13. लोहे का सबसे शुद्ध रूप कौन सा है

A. पिटवा लोहा

B. इस्पात

C. कच्चा लोहा

D. निकेल इस्पात

14. हाइड्रोजन बम किस सिद्धांत पर आधारित है

A. परमाणु विखंडन

B. परमाणु संलयन

C. प्राकृतिक रेडियोधर्मिता

D. कृत्रिम रेडियोधर्मिता

15. किसी देश में जीवन स्तर का निरूपण _____ के द्वारा किया जाता है

A. गरीबी अनुपात

B. प्रति व्यक्ति आय

C. राष्ट्रीय आय

D. बेरोजगारी दर

16. भारत का पूर्वी तट _____ कहलाता है

- A. पूर्वी पठार
- B. बंगाल तट
- C. कोरोमंडल तट
- D. चक्रवाती तट

17. तमिलनाडु का सबसे लोकप्रिय लोक नृत्य _____ है

- A. कारगम
- B. कूडियाट्टम
- C. यक्षगान
- D. कथकली

18. धुलाई मशीन का कार्य सिद्धांत है

- A. उत्क्रम परासरण
- B. विसरण
- C. सेंट्रीफ्यूजेशन
- D. डायालिसिस

19. राज्य सरकार के कानूनी सलाहकार को _____ कहा जाता है

- A. महाधिवक्ता
- B. महान्यायवादी
- C. महान्यायाभिकर्ता
- D. राज्य लोक अभियोजक

20. डबल फॉल्ट किस खेल से सम्बंधित है

- A. गोल्फ
- B. टेनिस
- C. शतरंज
- D. फुटबॉल

21. व्यक्तियों द्वारा अपनी पहचान गलत बताकर आपसे गोपनीय जानकारी प्राप्त करने के प्रयास _____ हैं

- A. फ़िशिंग ट्रिप
- B. कंप्यूटर वायरस
- C. फ़िशिंग घोटाले
- D. स्पाइवर घोटाले

22. हाल ही में किस ओलंपियन ने लॉज़ेन डायमंड लीग 2023 जीता?

- A. शिवपाल सिंह
- B. अन्नू रानी
- C. एलिजाबेथ डेवनपोर्ट
- D. नीरज चोपड़ा

23. फेसबुक की मूल कंपनी मेटा ने ट्विटर के प्रतिस्पर्धी के रूप में कौन सा ऐप लॉन्च किया है?

- A. अल्फा
- B. मेटा
- C. थ्रेड्स
- D. फैन्डम

24. भारत और किस देश ने हाल ही में द्विपक्षीय व्यापार रूपये में शुरू किया है?

- A. रूस
- B. बांग्लादेश
- C. पाकिस्तान
- D. श्रीलंका

25. "सेंगोल" शब्द का क्या अर्थ है, जिसे नए संसद भवन में रखा गया है?

- A. अखंडता
- B. धार्मिकता
- C. कड़ी मेहनत
- D. सत्य की विजय

PART- B (General English) (25 Questions)

26. Which is the correct antonym for CHASTE :

- A. Defiled
- B. Immune
- C. Faithful
- D. Deify

27. Fill the blank with suitable article for the sentence:

She wants to become ___ engineer

- A. an
- B. the
- C. no article
- D. a

28. I asked him when he would go there. (identify the clause)

- A. Noun clause
- B. Adjunct clause (relative clause)
- C. Relative clause
- D. Adjective clause

29. The synonym for the EMBEZZLE is :

- A. Misappropriate
- B. Balance
- C. Remunerate
- D. Clear

30. He enjoys to tell stories to children (correct way of writing the underlined portion)

- A. how to tell stories
- B. telling stories

C. to narrate stories
D. No improvement

31. The appropriate options for the blanks in the sentence
I remember that ___ bought the fruits from ____.
A. they, we
B. them, us
C. them, we
D. they, us

32. Find out which part of the sentence has grammatical/error in the sentence:
If you would have / toiled hard you / would not have had / to suffer this much
A. If you would have
B. toiled hard you
C. would not have had
D. to suffer this much

33. The best meaning of the idiom 'To put one's hand to plough'
A. To take up agricultural farming to
B. To take a difficult task
C. To get entangled into unnecessary things
D. Take interest in technical work

34. The appropriate relationship similar to Room: House is:
A. Chair : Room
B. Cabin: Ship
C. Wheel: Car
D. Cockpit: Plane

35. Mahatma Gandhi was a great visionary. He realised the danger of communal conflicts. He sacrificed his life to bring about unity. (combine these simple sentences as single simple sentence)

- A. A great visionary, Mahatma Gandhi realised the danger of communal conflicts and sacrificed his life to bring about unity.
- B. Mahatma Gandhi, a great visionary, He sacrificed his life to bring about unity on realising the danger of communal conflicts.
- C. Mahatma Gandhi sacrificed his life to bring about unity when he realised the danger of communal conflicts.
- D. Having realised the danger of communal conflicts Mahatma Gandhi, a great visionary, sacrificed his life to bring about unity.

36. She treated me respectfully (Change the sentence into complex sentence)

- A. She treated me with respect.
- B. She respectfully treats me.
- C. She was respectful to me.
- D. She treats me respect

37. Rajesh asked me to keep this secret _____

- A. secret
- B. in myself
- C. amongst us
- D. between us

38. Unless you work harder you will fail, means (choose the correct one to complete)

- A. if you fail you will work harder
- B. you must at least plan well then you will not fail
- C. hardly you will fail if you do not desire so
- D. if you do not put more efforts, then you will fail

39. The most appropriate sequence of sentences between A₁ and A₆ from PQRS among will be:

A₁: Biological evolution has not fitted man to any specific environment.

P : It is by no means a biological evolution, but it is a cultural one.

Q : His imagination, his reason, his emotional subtlety and toughness, makes it possible for him not to accept the environment but to change.

R : And that series of inventions by which man from age by age has reshaped his environment is a different kind of evolution.

S : Among the multitude of animals which scamper, burrow swim around us he is in the only one who is not locked in to his environment.

A6: That brilliant sequence of cultural peaks can most appropriately be termed the ascent of man.

A. QPRS

B. SRQP

C. QRSP

D. SQRP

40. He said, Can you sing? And I said, No. (change to indirect speech)

A. He asked me that could I sing and I refused.

B. He asked me if I could sing and I said that I couldn't.

C. I denied, when he asked me if I could sing.

D. He asked me if I could sing and I said no.

41. In the following questions, only one statement is grammatically correct. Identify the correct one.

A. In the course of there journey, they were able to absolve a lot of local cultures

B. In the coarse of their journey, they were able to absorb a lot of local culture

C. In the course of their journey, they were able to observe a lot of local cultures

D. In the course of their journey, they were able to observe a lot of the local culture

42. Rahul will pass the message. (Change the voice)

A. The message will passed by Rahul.

B. The message would be passed by Rahul.

C. The message will pass by Rahul.

D. The message will be passed by Rahul.

43. Because of his tennis elbow injury, Rohit has not and possibly never will be able to pick up the bat again.
(the best way of writing the above sentence in the context of correct usage of standard written English ensuring that the message that is conveyed remains the same from the four options)

- A. Because of his tennis elbow injury, Rohit has not and possibly never will be able to pick up the bat again.
- B. Because of his tennis elbow injury, Rohit has not and possibly will never be able to pick up the bat again.
- C. Because of his tennis elbow injury, Rohit has not been and possibly never would be able to pick up the bat again.
- D. Because of his tennis elbow injury, Rohit has not been able to and possibly never will be able to pick up the bat again.

44. In the following questions, only one statement is grammatically correct. Identify the correct one.

- A. Your advise does not seem to have had any effect
- B. Your advice do not seems to have had any effect
- C. Your advice do not seem to have had any effect
- D. Your advise does not seem to have had any effects

45. I told him that he was not working hard. (Change to direct speech)

- A. I said to him, "You are not working hard."
- B. I told to him, "You are not working hard."
- C. I said, "You are not working hard."
- D. I said to him, "He is not working hard."

46. Fate smiles ___ those who untiringly grapple with stark realities of life.

- A. with
- B. over
- C. on
- D. round

47. One who assumes a character or title not his own to deceive others

- A. Imposter
- B. Magician
- C. Rogue
- D. Liar

48. The proverb 'See which way the wind blows' means

- A. Let us wait and watch what turn the events take
- B. Turn towards the side of wind
- C. Run away from the direction of wind
- D. None of the above

49. The figure of speech when it is said 'Camel is the ship of desert'.

- A. Simile
- B. Apostrophe
- C. Metaphor
- D. Oxymoron

50. Order of the following words to make meaning full sentence.

(1) I (2) immediately (3) salary (4) my (5) want

- A. 43152
- B. 15432
- C. 25143
- D. 42351
