उम्मीदवार इस पुस्तिका के सबसे ऊपरी सील को खोलकर पृष्ठ संख्या 2 और 3 के मध्य स्थापित ओएमआर उत्तर शीट को निकाल लें।
Candidates should open the top side of the seal of this Booklet and take out the OMR Answer Sheet placed between page no. 2 and 3.

SCC

परीक्षा प्रश्न-पुस्तिका / EXAMINATION QUESTION BOOKLET

परीक्षा पुस्तिका शृंखला :
Test Booklet Series : **A**

निर्धारित समय : 150 मिनट
Time Allowed : 150 Minutes

अधिकतम अंक : 150
Maximum Marks : 150

रोल नं. :
Roll No. :

उत्तर शीट सं.:
Answer Sheet No. :

प्रश्नों के उत्तर देने से पहले निम्नलिखित अनुदेशों को ध्यान से पढ़ लें।/ Read the following instructions carefully before you begin to answer the questions.

उम्मीदवारों के लिए अनुदेश	Instructions to the Candidates

1. प्रश्नों के उत्तर लिखना आरंभ करने से पहले आप इस पुस्तिका की जाँच करके सुनिश्चित कर लें कि इसमें पूरे पृष्ठ (1-20) हैं तथा कोई पृष्ठ या उसका भाग कम या दुबारा तो नहीं आ गया है। उम्मीदवारों को यह भी जाँच करनी है कि उनको केवल उस पोस्ट की सही परीक्षा-पुस्तिका मिली है जिसके लिए उन्होंने आवेदन किया है। यदि आप इस पुस्तिका में कोई त्रुटि पाएं, तो *तत्काल* इसके बदले दूसरी पुस्तिका ले।

2. ओएमआर उत्तर-शीट प्रश्न पुस्तिका में ही उपलब्ध रहेगी। कृपया सुनिश्चित करें कि ओएमआर उत्तर-शीट संख्या और परीक्षण पुस्तिका संख्या समान हैं। ओएमआर उत्तर-शीट पर जानकारी भरने से पहले ओएमआर उत्तर-शीट पर छपे निर्देशों को ध्यान से पढ़ें। आपको ओएमआर उत्तर-पत्रक पर सभी विवरणों को सही ढंग से पूरा और कोड करना होगा, ऐसा न करने पर आपकी उत्तर पुस्तिका का मूल्यांकन नहीं किया जा सकता है। प्रश्नों का उत्तर देना शुरू करने से पहले आपको ओएमआर उत्तर-पत्रक पर दिये गए निर्धारित स्थान पर अपने हस्ताक्षर करने होंगे। इन निर्देशों का पूर्ण रूप से पालन किया जाना चाहिए, ऐसा न करने पर आपकी ओएमआर उत्तर-शीट का मूल्यांकन नहीं किया जा सकता है। (दृष्टिहीन उम्मीदवारों के लिए यह विवरण लेखक द्वारा भरे जावेंगे। फिर भी, सभी दृष्टिहीन उम्मीदवारों को ओएमआर उत्तर-शीट में निर्धारित स्थान पर अपने बाएं हाथ के अंगूठे का निशान अवश्य लगाना चाहिए। इसके अतिरिक्त, जो दृष्टिहीन उम्मीदवार अपना हस्ताक्षर कर सकते हैं, वे अंगूठे के निशान के अलावा अपने हस्ताक्षर भी करें।)

3. ओएमआर उत्तर-शीट तीन प्रतियों में होंगी (मूल तथा कार्बन की दो प्रतिलिपियाँ)। परीक्षा समाप्ति के बाद ओएमआर की मूल शीट तथा एक कार्बन प्रतिलिपि निरीक्षक को सौंपने के पश्चात् उम्मीदवार अपने साथ एक कार्बन प्रतिलिपि ले जा सकते/सकती हैं। यदि कोई भी उम्मीदवार ऐसा करने में असफल रहता/रहती है तो उसकी उम्मीदवारी रद्द कर दी जायेगी। यदि कोई उम्मीदवार अपनी कार्बन प्रतिलिपि में किसी भी प्रकार का फेर-बदल कर उसका दावा करता/ करती है तो इस स्थिति में भी उसका/उसकी उम्मीदवारी रद्द की जावेगी।

4. इस प्रश्न-पुस्तिका में **150** बहुविकल्पीय प्रश्न हैं। प्रत्येक प्रश्न के 4 विकल्प दिए गए हैं, (A), (B), (C) और (D)। किसी भी स्थिति में प्रत्येक प्रश्न का केवल एक विकल्प ही सही उत्तर है। यदि आपको एक से अधिक विकल्प सही लगें तो सबसे अधिक उचित एक विकल्प का चुनाव करें और उत्तर शीट में सम्बंधित प्रश्न के सामने वाले उपयुक्त गोले को काला करें।

5. प्रश्न पुस्तिका में पाँच भाग हैं : भाग A : Reasoning, भाग B : English, भाग C : Aptitude, भाग D : Basic Mathematics, भाग E : Attitude & Leadership. प्रत्येक भाग में **30 प्रश्न** हैं। उम्मीदवार को **सभी** भागों के उत्तर लिखना अनिवार्य है।

6. प्रत्येक सही उत्तर के लिए 1 अंक दिया जाएगा। गलत उत्तर के लिए **कोई नकारात्मक अंकन नहीं** हैं।

7. गोले को काला करने के लिए केवल काले/नीले बॉल प्वाइंट पेन का प्रयोग करें। गोले को एक बार काला करने के बाद इसको मिटाने या बदलने की अनुमति नहीं है। यदि किसी प्रश्न के सामने एक से ज्यादा गोले काले किये गए हों तो मशीन द्वारा उसके लिए **शून्य अंक** दिया जाएगा।

8. किसी भी स्थिति में उत्तर शीट को न मोड़ें।

9. उत्तर-पुस्तिका पर कोई भी रफ कार्य नहीं करना है। रफ कार्य के लिए इस पुस्तिका में स्थान दिया गया है।

10. परीक्षा हॉल/कमरों में मोबाइल फ़ोन तथा बेतार संचार साधन पूरी तरह निषिद्ध हैं। उम्मीदवारों को उनके अपने हित में सलाह दी जाती है कि मोबाइल फ़ोन/किसी अन्य बेतार संचार साधन को स्विच ऑफ करके भी अपने पास न रखें। इस प्रावधान का अनुपालन न करने को परीक्षा में अनुचित उपायों का प्रयोग माना जायेगा और उनके विरुद्ध कार्यवाही की जाएगी, जिसमें उनकी उम्मीदवारी रद्द करना भी शामिल है।

11. अभ्यर्थी अपनी उत्तर पुस्तिका पर्यवेक्षक को सौंपे बिना और अपने रोल नंबर के सामने उचित स्थान पर उपस्थिति पत्रक पर हस्ताक्षर किए बिना परीक्षा हॉल/कक्ष से बाहर नहीं जा सकता। इसके अलावा अभ्यर्थी को उपस्थिति पत्रक पर हस्ताक्षर करने से पहले यह भी सुनिश्चित करना चाहिए कि बुकलेट नंबर, बुकलेट सीरीज और ओएमआर उत्तर पुस्तिका संख्या सही ढंग से लिखी गई हो। ऐसा ना करने पर, ओएमआर उत्तर पुस्तिका को अमान्य माना जाएगा/मूल्यांकन नहीं किया जा सकता है।

Instructions to the Candidates

1. Before you start to answer the questions you must check this booklet and ensure that it contains all the pages (1-20) and see that no page or portion thereof is missing or repeated. Candidates are also required to check that they have got the right question booklet strictly for the post candidate has applied for. If you find any defect in this Booklet, you must get it replaced *immediately*.

2. OMR Answer-Sheet is within the Question Booklet. Please ensure OMR Answer-Sheet number and Test Booklet No. of Question Paper are same. Read the instructions printed on OMR Answer-Sheet carefully before filling the information on the OMR Answer-Sheet. You must complete and code all the details on the OMR answer sheet correctly failing which your answer sheet may not be evaluated. You must also put your signature on the OMR Answer-Sheet at the prescribed place before you actually start answering the questions. These instructions must be fully complied with, failing which, your OMR Answer-Sheet may not be evaluated. (For V.H. candidates these details will be filled in by the scribe. However, all V.H. candidates must put their left-hand thumb impression at the space provided in the OMR Answer-Sheet. In addition, those V.H. candidates who can sign should also put their signatures in addition to thumb impression.)

3. The OMR Answer-Sheet will be in triplicate (Original and two carbon copies). Candidate has to take one carbon copy (marked as 'candidate copy') with him/her after examination and handover the original OMR along with one carbon copy to invigilator. If candidate fails to handover the original OMR along with one carbon copy to invigilator, his/her candidature will be cancelled. Further, if the candidate tampers with candidate OMR carbon copy and claims for same, in that case also his/her candidature will be cancelled.

4. This booklet consists of **150** Multiple Choice Questions. Each question has 4 (four) alternatives (A), (B), (C) and (D). In any case only one alternative will be the correct answer. In case if you find more than one correct answer, then choose the most appropriate single option and darken the appropriate circle in the answer sheet in front of the related question.

5. Question Booklet consists of five parts : Part A : Reasoning, Part B : English, Part C : Aptitude, Part D : Basic Mathematics, Part E : Attitude & Leadership. Each part has 30 questions. Candidates has to attempt all the parts compulsorily.

6. For each **correct** answer One mark will be given and no negative marking for **incorrect** answer.

7. Use Black/Blue ball point Pen to darken the circle. Answer once darkened is not allowed to be erased or altered. Against any question if more than one circle is darkened, machine will allot **zero mark** for that question.

8. Do not fold answer sheet in any case.

9. No rough work is to be done on the Answer-Sheet. Space for rough work has been provided in this booklet.

10. Mobile phones and wireless communication devices are completely banned in the examination hall/rooms. Candidates are advised not to keep mobile phones/any other wireless communication devices with them even switching it off, in their own interest. Failing to comply with this provision will be considered as using unfair means in the examination and action will be taken against them including cancellation of their candidature.

11. Candidate should not leave the examination hall / room without handing over his/her Answer-Sheet to the invigilator and without signing on the attendance sheet at proper place against his / her roll number. Further candidate should also ensure that booklet no., booklet series and OMR Answer-Sheet No. are correctly written on attendance sheet before signing on it, failing in doing so, may lead to disqualification / no evaluation of OMR Answer-Sheet.

जब तक आपसे कहा न जाए तब तक प्रश्न-पुस्तिका न खोलें / DO NOT OPEN THE QUESTION BOOKLET UNTIL YOU ARE TOLD TO DO SO.

उम्मीदवार का नाम/Name of Candidate : _____   उम्मीदवार के हस्ताक्षर/Signature of Candidate : _____

PART - A
REASONING

1. If in a code language, ORGANISATION is written as CBDWLQJWYQCL and OPERATION is written as CXFBWYQCL, then how is SEPARATION coded ?

   (A) EJXEBEYQCL   (B) JFQYWBCXQL

   (C) JFXWBWYQCL (D) QCLYWBFXJE

Directions (2 - 5) : Answer questions on the basis of following information.

Neelu, Pavitra, Sinthia, Pallavi and Madhvi are five friends. Each of them has 6 balls. Neelu gives three balls to Pallavi, who further gives two balls each to Pavitra and Madhvi. Sinthia gives 4 balls to Neelu who in turn gives 3 balls each to Pavitra and Madhvi. Pavitra gives 5 balls to Sinthia and Madhvi gives 4 balls to Pallavi.

2. How many balls Pavitra has with her ?

   (A) 6   (B) 7

   (C) 8   (D) 9

3. How many balls are with Sinthia ?

   (A) 9   (B) 6

   (C) 8   (D) 7

4. Who has the least number of balls ?

   (A) Sinthia   (B) Madhvi

   (C) Neelu   (D) Pavitra

5. Who has the maximum balls with her ?

   (A) Sinthia   (B) Pallavi

   (C) Madhvi   (D) Pavitra

Directions (6 - 9) : On the basis of the information given below, opt the appropriate option :

In a code language

'few organic farming techniques' is written as 'li gs da cr'

'fertilizer products few available' is written as 'fo pz nb gs'

'organic waste into fertilizer' is written as 'nb cr pt mk'

'disposal of farming waste' is written as 'hu mk li yu'

6. What is the code for 'few waste' in the given coding language ?

   (A) mk gs   (B) gs li

   (C) pt da   (D) da mk

7. If in the given coding language 'waste management techniques' is changed to 'ax da mk', then what will be the code for 'farming fertilizer management' ?

   (A) ax nb cr   (B) li ax pt

   (C) nb li ax   (D) gs li nb

8. What is the code for 'available' in the given coding language ?

   (A) Either 'pz' or 'fo'

   (B) Either 'nb' or 'mk'

   (C) li

   (D) hu

9. What is the code for 'organic' ?

   (A) is   (B) cr

   (C) da   (D) pt

Directions (10 - 12) : Study the following information and answer the questions given below it :

A blacksmith has five iron articles A1, A2, A3, A4 and A5, each having a different weight.

(i)   A1 weighs twice as much as A2
(ii) A2 weighs four and a half times as much as A3
(iii) A3 weighs half as much as A4
(iv) A4 weighs half as much as A5
(v)   A5 weighs less than A1 but more than A3

10. A5 is lighter in weight than which of the other two articles ?
    (A) A1, A2   (B) A4, A3
    (C) A1, A3   (D) A4, A2

11. Which of the following is the lightest in weight ?
    (A) A1   (B) A2
    (C) A3   (D) A4

12. A5 is heavier than which of the following two articles ?
    (A) A4, A2   (B) A4, A3
    (C) A1, A3   (D) A1, A2

Directions (13 - 16) : In each question below are given two statements followed by two conclusions numbered I and II. You have to take the given two statements to be true even if they seem to be at variance from commonly known facts. Read the conclusion and then decide which of the given conclusions logically follows from the two given statements, disregarding commonly known facts.

13. Statements :
    1. All film stars are playback singers.
    2. All film directors are film stars.
    Conclusions :
    I. All film directors are playback singers.
    II. Some film stars are film directors.
    (A) Only Conclusion I follows
    (B) Only Conclusion II follows
    (C) Neither I nor II follows
    (D) Both I and II follows

14. Statements :
    1. Many scooters are trucks.
    2. All trucks are trains.
    Conclusions :
    I. Some scooters are trains.
    II. No truck is a scooter.
    (A) Only Conclusion I follows
    (B) Only Conclusion II follows
    (C) Neither I nor II follows
    (D) Both I and II follows

15. Statements :
    1. Some dreams are nights.
    2. Some nights are days.
    Conclusions :
    I. All days are either nights or dreams.
    II. Some days are nights.
    (A) Only Conclusion I follows
    (B) Only Conclusion II follows
    (C) Neither I nor II follows
    (D) Both I and II follows

16. Statements :
    1. All good athletes win.
    2. All good athletes eat well.
    Conclusions :
    I. All those who eat well are good athletes.
    II. All those who win eat well.
    (A) Only Conclusion I follows
    (B) Only Conclusion II follows
    (C) Either I or II follows
    (D) Neither I nor II follows

SPACE FOR ROUGH WORK

Directions (17 - 18) : Fill the blank with appropriate option for the following series.

17. BCB, DED, FGF, HIH, _____.

    (A) JHJ   (B) JKJ

    (C) JGJ   (D) KJK

18. ELFA, GLHA, ILJA, _____, MLNA.

    (A) LLMA   (B) OLPA

    (C) KLLA   (D) KLMA

19. Which of the following does not belong to the group ?

    (A) Bud   (B) Leaf

    (C) Root   (D) Flower

20. 'Ganesh' is the father of 'Laxman' but 'Laxman' is not his son. 'Avya' is the daughter of 'Laxman'. 'Sunita' is the spouse of 'Ganesh'. 'Govind' is the brother of 'Laxman'. 'Nirbhay' is the son of 'Govind'. 'Meena' is the spouse of 'Govind'. 'Ganpat' is the father of 'Meena'. Who is the grand-daughter of 'Ganesh' ?

    (A) Nirbhay   (B) Avya

    (C) Meena   (D) Sunita

21. Suresh starts walking straight, facing south. After walking 30 m he turned to his right walked 25 m and turned to his left. Again after walking a distance of 10 m he turned to his left. Which direction is he facing now ?

    (A) East   (B) West

    (C) North-West   (D) South-East

22. Introducing Asha to guests, Bhaskar said, "Her father is the only son of my father." How is Asha related to Bhaskar ?

    (A) Daughter   (B) Mother

    (C) Sister   (D) Niece

23. One morning after sunrise, Soni, while going to school met Priya at a road crossing. Priya's shadow was exactly to the right of Soni. If they were face to face, which direction was Soni facing ?

    (A) East   (B) West

    (C) North   (D) South

24. In the following question, select the option that is related to the third word/series in the same way as the second word is related to the first.

    AEZ : FPY : : BGX : ?

    (A) GRW   (B) IYY

    (C) HTX   (D) HYW

25. Some relationships have been expressed through symbols which are explained below :

O = greater than

Δ = not equal to

X = not less than

+ = equal to

φ = not greater than

Σ = less than

What does P Σ Q Σ R imply ?

(A) P Δ Q φ R   (B) P φ Q + R

(C) P O Q + R   (D) P O Q X R

26. Six friends are sitting in a circle and are facing the centre of the circle. Deepak is between Prakash and Pankaja. Bharti is between Mukesh and Lalita. Prakash and Mukesh are opposite to each other. Who is sitting opposite to Bharti ?

(A) Deepak   (B) Mukesh

(C) Lalita   (D) Pankaja

Directions (27 - 30) : Read the following information carefully to answer these questions :

(i) 'A $ B' means 'A is mother of B';

(ii) 'A # B' means 'A is father of B';

(iii) 'A @ B' means 'A is husband of B';

(iv) 'A % B' means 'A is daughter of B'.

27. P @ Q $ M # T indicates what relationship of P with T ?

(A) paternal grandmother

(B) maternal grandmother

(C) paternal grandfather

(D) maternal grandfather

28. If G $ M @ K, how is K related to G ?

(A) Daughter-in-law

(B) Mother-in-law

(C) Daughter

(D) Aunt

29. If F @ D % K # H, then how is F related to H ?

(A) brother-in-law   (B) sister

(C) sister-in-law   (D) none of these

30. Which of the following expressions indicates 'R' is the sister of 'H' ?

(A) H $ D @ F # R   (B) R % D @ F $ H

(C) R $ D @ F # H   (D) None of these

Directions (31 - 35) : Some of the sentences have errors and some have none. Find out which part of a sentence has an error, and the appropriate letter (A), (B), (C) is your answer. If there is no error, (D) is the answer.

31. Can I ask you/how much you're/
         (A)   (B)
    getting paid for the job./No error
              (C)   (D)

32. Even some people who have tickets/
                        (A)
    aren't able to/get into the stadium./No error
         (B)   (C)   (D)

33. Shashi having met the artist/
                  (A)
    who painted the picture/
              (B)
    that caused all the controversy./No error
              (C)   (D)

34. Eventually we took off,/
              (A)
    but instead of landing at Chennai, we have to go to Bengaluru,/
                                      (B)
    which meant a longer, and an added train journey./No error
    (C)   (D)

35. A good reason for marking favourite passages in books is that this practice enabling you to remember more easily the significant sayings,/
                                              (A)
    to refer to them quickly, and then in later years;/
                                      (B)
    it is like visiting a forest where you once blazed a trail./
                              (C)
    No error
    (D)

Directions (36 - 41) : Read the passage carefully and choose the best answer to each question out of the four alternatives.

The knowledge that you have emerged wiser and stronger from setbacks means that you are, ever after, secure in your ability to survive. You will never truly know yourself, or the strength of your relationships, until both have been tested by adversity. Such knowledge is a true gift, for all that it is painfully won, and it has been worth more than any qualification I ever earned. So given a Time Turner, I would tell my 21-year-old self that personal happiness lies in knowing that life is not a check-list of acquisition or achievement. Your qualifications, your CV, are not your life, though you will meet many people of my age and older who confuse the two. Life is difficult, and complicated, and beyond anyone's total control, and the humility to know that will enable you to survive its vicissitudes. Now you might think that I chose my second theme, the importance of imagination, because of the part it played in rebuilding my life, but that is not wholly so. Though I personally will defend the value of bedtime stories to my last gasp, I have learned to value imagination in a much broader sense. Imagination is not only the uniquely human capacity to envision that which is not, and therefore the fount of all invention and innovation. In its arguably most transformative and revelatory capacity, it is the power that enables us to empathise with humans whose experiences we have never shared.

36. What difference does the writer feel between her older and younger self ?
   (A) Younger self realizes that personal happiness is defined by accepting hardships of life, acknowledging that not everything can be controlled in life, and rejecting relationships and setbacks rather than adding qualifications and material possessions
   (B) Older self realizes that personal happiness is defined by accepting hardships of life, acknowledging that not everything can be controlled in life, and learning from setbacks rather than adding qualifications and material possessions
   (C) Older self realizes personal happiness is only tested by accepting hardships of life, acknowledging that not everything can be controlled in life, and learning from setbacks but real achievement lies in adding qualifications and material possessions
   (D) Older self does not value bedtime stories

37. What is the most remarkable capacity of imagination for the writer ?
   (A) The unique human capacity to envision that which is not
   (B) That unique faculty in humans which helped rebuild the writer's life
   (C) The unique human capacity that enables us to empathise with others
   (D) The unique human faculty which is the basis of all invention and innovation

38. Which statement out of the following is true :
   (A) The writer does not like fairy tales
   (B) The writer values all other stories except bedtime stories
   (C) The writer overrates imagination
   (D) The writer values bedtime stories

39. Which statement out of the following does not contribute to make us secure in our ability to survive ?
   (A) Knowledge of having overcome failures
   (B) Relationships that survive in adversity
   (C) Check-list of acquisition and achievements
   (D) Humility to know that life is difficult

40. 'Vicissitudes' refers to :
   (A) Difficulties
   (B) Sufferings
   (C) Stability
   (D) Ups and downs of life

41. What is the real test for self- knowledge ?
   (A) Achievements and acquisitions
   (B) Setbacks and adversity
   (C) Imagination
   (D) A great CV

Directions (42 - 46) : Out of the four alternatives choose the one which can be substituted for the given words/sentence.

42. Vernacular :
   (A) Language of the common people spoken locally
   (B) Study of language
   (C) Study of linguistics
   (D) Extinct language

43. PAN-India :
   (A) Native to India
   (B) Spread in India
   (C) Without India
   (D) Pandemic in India

44. A long serialized comic book :
   (A) Graphic Novel   (B) Science Fiction
   (C) Episodic Novel   (D) Fantasy Novel

45. Mercantile :
   (A) Of trade and business
   (B) Of shipping
   (C) Of finance and banking
   (D) Of international cargo

46. Prototype :
  (A) Similar product
  (B) Type of protein
  (C) Mass production
  (D) The first example of a machine or product

Directions (47 - 50) : Rearrange the following five sentences P, Q, R, S and T in the proper sequence so as to form a meaningful paragraph; then answer the questions.

P. Labour laws were loose back then and the boy managed to land in a position selling guidebooks for $0.50 a piece.

Q. He catapulted to the top of his genre and became one of the most successful comedians of his time.

R. In 1955, Disneyland had just opened in Anaheim, California, when a ten-year-old boy walked in and asked for a job.

S. Soon he discovered that what he loved was not performing magic but performing, in general.

T. Within a year, he had transitioned to Disney's magic shop, where he learned tricks from the older employees.

47. Which of the sentences should come third in the sequence ?
  (A) Q   (B) T
  (C) P   (D) R

48. Which of the sentences should come last in the sequence ?
  (A) T   (B) S
  (C) P   (D) Q

49. Which of the sentences should come first in the sequence ?
  (A) P   (B) T
  (C) R   (D) Q

50. Which of the following should come second in the sequence ?
  (A) S   (B) T
  (C) P   (D) Q

Directions (51 - 53) : Choose from the alternatives a word that is nearest in meaning (Synonym) to the given word.

51. Imminent :
  (A) Near   (B) Possible
  (C) Far   (D) Flowing

52. Astound :
  (A) Calm   (B) Amaze
  (C) Provoke   (D) Irritate

53. Pandemonium :
  (A) Unhygienic   (B) Chaos
  (C) Excitement   (D) Defeat

Directions (54 - 56) : Choose the word Opposite in meaning (Antonym) to the given word.

54. Confirm :
  (A) Certify   (B) Corroborate
  (C) Deny   (D) Support

55. Economise :
  (A) Waste   (B) Retrench
  (C) Conserve   (D) Save

56. Hasty :
  (A) Impetuous   (B) Slow
  (C) Abrupt   (D) Crazy

57. Express the statement given below as a Positive statement without changing the meaning of the statement by choosing the most appropriate option.

No sooner was she presented with a trophy the crowd started cheering with joy.
  (A) She was presented with a trophy and the crowd started cheering with joy.
  (B) As soon as she was presented with a trophy, the crowd started cheering with joy.
  (C) After she was presented with a trophy, the crowd started cheering with joy.
  (D) Not only was she presented with a trophy but the crowd too started cheering with joy.

Directions (58 - 60) : In following questions part of the sentence is italicized. Four alternative meanings of the italicized part of the sentence are given. Choose the option nearest in meaning to the italicised part.

58. She fancied herself a bit of a chef and tried an unusual recipe but I *wouldn't touch it with a barge-pole*.

 (A) did not find it popular

 (B) did not find it tasty

 (C) did not use a pole

 (D) did not go anywhere near it

59. Just because he was the boss's son didn't mean Raghu got a *free ride*.

 (A) Took advantage of an opportunity without deserving it

 (B) Never needed to pay

 (C) Misused a deserving opportunity

 (D) Never bothered to follow rules

60. Looking at Shashi's expression, the teacher was convinced he had *an ace up his sleeve*.

 (A) Knew the solution

 (B) Hidden knowledge

 (C) Hidden knowledge that would give him advantage

 (D) Knowledge of no use in the future
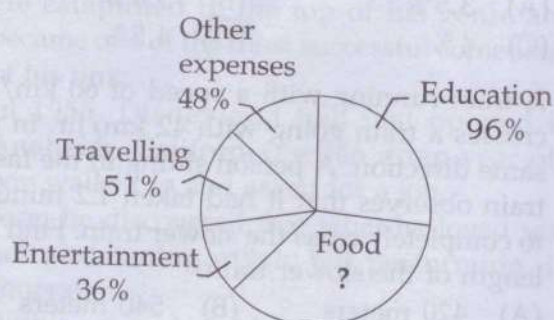
PART - C
APTITUDE

61. A number is divided into two parts in such a way that 80% of the first part is 3 more than 60% of the 2nd part and 80% of the 2nd part is 6 more than 90% of the 1st part. Then the number is :

 (A) 125   (B) 130

 (C) 135   (D) 145

62. A certain sum of money at simple interest amounts to Rs. 1012 in 2½ years and to Rs. 1067.20 in 4 years. The rate of interest per annum is :

 (A) 3.5%   (B) 3.8%

 (C) 4%   (D) 4.5%

63. A train running with a speed of 60 km/hr. crosses a train going with 42 km/hr. in the same direction. A person sitting in the faster train observes that it had taken 1.2 minutes to completely cross the slower train. Find the length of the slower train.

 (A) 420 meters   (B) 540 meters

 (C) 360 meters   (D) 280 meters

64. The edges of a rectangular box are in the ratio of $1 : 2 : 3$ and its surface area is 88 cm^2. The volume of the box is :

 (A) 24 cm^3 (B) 48 cm^3

 (C) 64 cm^3 (D) 120 cm^3

65. A, B and C can do a piece of work in 36, 54 and 72 days respectively. They started the work but A left 8 days before the completion of the work while B left 12 days before the completion. The number of days for which C worked is :

 (A) 4   (B) 8

 (C) 12   (D) 24

66. The ratio between the ages of Ajay and Vijay at present is $2 : 3$. Ajay is 6 years younger than Vijay. The ratio of Ajay's age to Vijay's age after 6 years will be :

 (A) $2 : 3$ (B) $1 : 2$

 (C) $4 : 3$ (D) $3 : 4$

67. A milkman makes 20% profit by selling milk mixed with water at Rs. 9 per litre. If the cost price of 1 litre pure milk is Rs. 10, then the ratio of the milk and water in the said mixture is -

(A) 3 : 1 (B) 4 : 1

(C) 3 : 2 (D) 4 : 3

Directions (68 - 72) : Study the following pie-chart and table carefully to answer the questions given below :

The following pie-chart shows the distribution of monthly budget of a person.

The following table shows the further distribution (in percent) of the above-mentioned items among the five family members i.e. P (the person himself), W (his wife), Rahul (son), Rohit (son), and Preeti (his daughter). His monthly family budget is Rs. 1,20,000.

Family member	Education	Food	Entertainment	Travelling	Other Expenses
P	10	30	10	40	20
W	15	25	30	10	25
Rahul	40	20	20	25	20
Rohit	25	15	25	10	10
Preeti	10	10	15	15	25

68. Find the difference (in percentage of the budget) between the average expenses of Education and the average expenses on Entertainment of the couple.

(A) 1.3% (B) 1.9%

(C) 2.2% (D) 2.5%

69. What is the approximate percentage increase in the amount which Rahul enjoys for entertainment as compared to Preeti for the same ?

(A) 33% (B) 35%

(C) 34% (D) 36%

70. The average expenses of Rohit is approximately what percent of the average expenses of W (Wife) ?

(A) 79.4% (B) 85.3%

(C) 79.8% (D) 83.5%

71. The total amount spent by Rahul on Travelling and Food is approximately what percent of the total amount spent by Preeti on Education and Food ?

(A) 175% (B) 171%

(C) 173% (D) 174%

72. What is the average expense of P ?

(A) 5560 (B) 5640

(C) 5460 (D) 5420

73. Which of the following is not a scapegoat ?

(A) Manager of cricket team made to resign for team's failure

(B) A person getting selected in a company because of a reference

(C) You beat your pet because your father was not happy with your behaviour

(D) An employee being scolded due to another employee's failure

74. Sohan borrows money on compound interest and returns it in two equal half - yearly instalments of Rs. 4,410 each. Find the interest charged if the rate of interest is 10% p.a. compounded half - yearly.

(A) Rs. 630 (B) Rs. 620

(C) Rs. 640 (D) Rs. 680

SPACE FOR ROUGH WORK

75. Alok, once was very rich and wealthy. He suffers a big loss in his business during the lockdown period because of Covid-19 pandemic. He has many friends and relatives. He requested them to help during his bad days but to no avail. This kind of behaviour can be rightly explained by which of the following phrase ?

(A) Poverty breeds strife

(B) As you sow, so shall you reap

(C) Adversity tries friends

(D) Riches have wings

76. According to Wikipedia, 'monologue' is presented by a single character most often to express their mental thoughts aloud, though sometimes also to directly address another character or the audience. Which of the following does NOT represent a monologue ?

(A) A poet reciting a poem on the stage

(B) Anshuman hosting an award show

(C) A mother narrating a story to her child

(D) A teacher taking up student queries in the class

77. According to a recent study, advertisements in medical journals often contain misleading information about the effectiveness and safety of new prescription drugs. The medical researchers who wrote the study concluded that the advertisements could result in doctors prescribing inappropriate drugs to their patients.

The researchers' conclusion would be most strengthened if which of the following were true ?

(A) Advertisements for new prescription drugs are an important source of revenue for medical journals

(B) Editors of medical journals are often unable to evaluate the claims made in advertisements for new prescription drugs.

(C) Doctors rely on the advertisements as a source of information about new prescription drugs.

(D) Advertisements for new prescription drugs are typically less accurate than medical journal articles evaluating those same drugs.

78. You want to join Indian Army after the completion of your college education. What is likely to be the first step of your preparation ?

(A) You get trained physically and mentally by your trainer.

(B) You inform your family about your decision and seek their approval.

(C) You submit the completed application and write the entrance test.

(D) You appear in medical fitness test and interview thereafter.

79. Which of the two statements reflects opposite meaning ?

    (I)   Actions speak louder than words.

    (II)   Silence is golden.

    (III) Barking dog seldom bites.

    (IV) Pen is mightier than sword.

    (A)   (I) and (IV)

    (B)   (III) and (IV)

    (C)   (I) and (II)

    (D)   (II) and (IV)

80. Nature is the most generous supplier of nourishment and guidance to us as humans. We are often advised to be in harmony with nature, and to achieve that, following measures are advised:

    1.   Get outside; take a nature walk.

    2.   Read books about nature.

    3.   Grow more plants.

    4.   Shut televisions.

    5.   Submerge in nature; meditate.

    6.   Pick up litter.

    7.   Reuse, recycle and reduce.

All the above mentioned measures can be categorised under the following three headings except :

    (A)   Give back   (B)   Be thankful

    (C)   Be dutiful   (D)   Conserve

81. Which of the following saying demonstrates the value of hard earned money ?

    (I)   Health is wealth.

    (II)   Money is power.

    (III) Money does not grow on trees.

    (IV) A good name is better than riches.

    (A)   (I)   (B)   (II)

    (C)   (III)   (D)   (IV)

82. The number of wild tigers living in India dropped from an estimated 40,000 at the turn of the century to 2,000 in 1970. Although determined conservation efforts have halted the precipitous decline, the survival of the wild tiger in India is uncertain even now. Still, it is beyond doubt that if the tiger is to survive in the wild at all, its best chance is in India.

The statements above, if true, support which of the following ?

    (A)   There are now more than 2,000 wild tigers surviving in India

    (B)   There are fewer than 2000 wild tigers living in the wild outside of India

    (C)   If tigers fail to survive in the wild of India, the species will become extinct.

    (D)   The survival of the wild tiger in countries other than India is also endangered.

83. A boat's speed in still water is 6 km/hr. while river is flowing with speed of 1.2 km/hr. and it takes 1 hour to row to a place and back. How far is the place ?
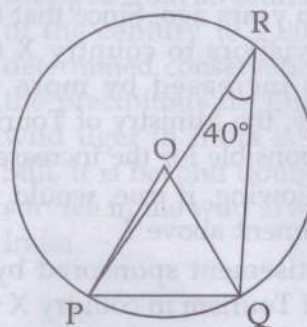
    (A)   2.88 km   (B)   2.64 km

    (C)   1.88 km   (D)   2.76 km

84. The Ministry of Tourism in country X began an expensive television advertising campaign in country Y two years ago. Since that time, the number of visitors to country X from country Y has increased by more than 8 percent. Clearly, the Ministry of Tourism's campaign is responsible for the increase.
Which of the following, if true, would most weaken the argument above ?

(A) The advertisement sponsored by the Ministry of Tourism in country X were banned by the county Y media for lack of imagination.

(B) A devaluation of the currency in country X two years ago made travel there more affordable for residents of country Y.

(C) Increasing political turmoil in country X will lead to a decrease in visitors from country Y next year

(D) The number of visitors from country Y to country Z increased by more than 8 percent over the past two years.

85. Consider the following argument and identify its type-
'Pre-employment testing of teachers is quite fair because all professionals had to face such testing before employment.

(A) Biological   (B) Deductive
(C) Psychological   (D) Analogical

86. The perimeter of a square plot is the same as that of a rectangular plot with sides 35 m and 15 m. The side of the square plot is :

(A) 25 m   (B) 20 m
(C) 100 m   (D) 50 m

87. Which saying expresses the notion that time once gone will never come back?

(I) Every dog has its day.
(II) When one door shuts, another opens
(III) Opportunity knocks but once
(IV) Strike while the iron is hot.

(A) (I)   (B) (II)
(C) (III)   (D) (IV)

88. Which of the following phrase is not related with safety ?

(I) Play it safe.
(II) Stay on the safe side.
(III) Flying into the face of danger.
(IV) Watch your step.

(A) (I)   (B) (II)
(C) (III)   (D) (IV)

89. **Directions :** Read the following two scenarios and answer the question that follows :
Scenario-1
Rohan is an excellent football player in his school's football team. In a crucial state level match, his team loses with a small margin, and this makes him feel dejected. During the match, scouts from a prominent National Football Club notice his gaming skills and offer him a position in their club.
Scenario-2
Sanjay is exceptionally good in science and has been preparing hard on his project for the upcoming national level Science Olympiad. But just two days before the main event, he falls ill and is advised complete bed rest for at least one month. He could see his efforts going down the drain. His teacher informs him that this year, students can even send online entries. Even though Sanjay is ill and does not go in person, his project gets selected for the next level.

What conclusion can be drawn from both the scenarios ?

(A) Time and tide wait for none.
(B) Opportunity knocks but once.
(C) If one door closes another opens.
(D) Hard work is the key to success.

90. You are going to attend the marriage party of your friend for which you are planning to buy a gift. Which of the following is not important for deciding the amount of gift ?

(A) The amount of gift which you got from your friend for your own marriage
(B) The amount of gifts which your other friends have planned
(C) The personal likings of your friend
(D) The venue of the party

PART - D
BASIC MATHEMATICS

91. Two men X and Y start from a place walking at 5.5 km/h and 6 km/h respectively. What is the time they will take to be 69 km apart, if they walk in opposite directions ?

    (A) 6 hours
    (B) 8 hours
    (C) 11.5 hours
    (D) 6 hours 45 minutes

92. If $\dfrac{a}{a+b} = \dfrac{7}{17}$, then $\dfrac{2a-b}{a+b}$ is equal to :

    (A) $\dfrac{4}{17}$
    (B) $\dfrac{-3}{17}$
    (C) $\dfrac{10}{17}$
    (D) $\dfrac{8}{17}$

93. A sum of money doubles itself at compound interest in 9 years. In how many years will it become eight times ?

    (A) 18 years
    (B) 27 years
    (C) 36 years
    (D) 72 years

94. For what value of k, expression $x^4 - 2x^2 + k$ will be a perfect square ?

    (A) 0
    (B) 1
    (C) -1
    (D) Cannot be determined.

95. Three workers A, B, and C complete a piece of work in 6 days for which they are paid a sum of Rs. 1920. If the efficiency of A, B and C are in ratio 4 : 5 : 7, then find the daily income of C ?

    (A) Rs. 840
    (B) Rs. 98
    (C) Rs. 140
    (D) Rs. 56

96. In the given figure, O is the centre of the circle. If $\angle PRQ = 40°$, then $\angle OPQ$ is :

    (A) 80°
    (B) 100°
    (C) 50°
    (D) 40°

97. Out of three given numbers, the first one is twice the second and three times the third. If the average of these numbers is 88, then the difference between the second and third is :

    (A) 24
    (B) 48
    (C) 72
    (D) 96

98. If $A + C = 2B$ and $B + D = 2A$, then :

    (A) $A + C = B + D$
    (B) $A + B = C + D$
    (C) $A + D = B + C$
    (D) $A + D = 2C$

99. The value of $\sin^2 10° + \sin^2 20° + \sin^2 30° + ... + \sin^2 80°$ is :

    (A) 1
    (B) 2
    (C) 4
    (D) 8

100. In an examination A got 25% marks more than B, B got 20% less than C and C got 10% more than D. If D got 350 marks out of 500, the marks obtained by A were :

    (A) 308
    (B) 380
    (C) 385
    (D) 450

101. The price of a commodity has increased by 50%. By what percent must a consumer reduce the consumption of the commodity so as not to increase the expenditure ?

    (A) 33.3%
    (B) 35%
    (C) 37.5%
    (D) 40%

SPACE FOR ROUGH WORK

102. If 25 pumps can raise 2500 tonnes of water in 20 days, working 10 hours a day, in how many days will 20 pumps raise 1200 tonnes of water, working 8 hours a day ?

(A) 7.5 days   (B) 10 days

(C) 15 days   (D) 18 days

103. A number is greater than the square of 44 but smaller than the square of 45. If one factor of the number is the square of 6 and the number is multiple of 5, the number is :

(A) 1960

(B) 1980

(C) 2025

(D) Cannot be determined

104. The difference between compound interest and simple interest at the same rate of interest R percent per annum on an amount of Rs. 7500 for 2 years is Rs. 48. What is the value of R ?

(A) 8%

(B) 9%

(C) 10%

(D) insufficient data to determine

105. The value of $\cos 25° - \sin 25°$ is :

(A) Positive but less than 1

(B) Positive but greater than 1

(C) Negative

(D) 0

106. The ratio of two positive numbers is 2 : 3. If 10 and the sum of the numbers are added to their product, square of 16 is obtained. The greater number is:

(A) 6   (B) 9

(C) 12   (D) 18

107. What will be the percentage profit after selling an article at a certain price if there occurs a loss of 20% on selling the article at 5/8 of the selling price ?

(A) 8.33%   (B) 17.5%

(C) 6.25%   (D) 28%

108. A and B start at the same time from the same place towards their office. If the speed of B is 5/6 times of A's speed, then he reaches the office 1 hour 15 minutes after A. Find the time taken by A to reach the office ?

(A) 5 hours 30 minutes

(B) 6 hours 15 minutes

(C) 6 hours 45 minutes

(D) 7 hours 30 minutes

109. A can do a piece of work in 24 days. B can do the same work in 30 days and C in 40 days. A and C worked for 4 days and handed it to B. B worked for some days and handed it again to A and C 6 days before completing the work. For how many days did B work ?

(A) 10 days   (B) 8 days

(C) 6 days   (D) 5 days

110. If '+' means '÷', '−' means '×', '×' means '+', '÷' means '−'. The value of $(45 + 9 - 3 × 15 ÷ 2)$ is :

(A) 28   (B) 36

(C) 40   (D) 556

111. If the circum-centre of a triangle lies outside it, then the triangle is :

(A) Acute angled   (B) Obtuse angled

(C) Equilateral   (D) Right angled

112. The sum of two numbers is k and their quotient is p/q. The numbers are :

(A) $\dfrac{k}{p+q}, \dfrac{k}{p+q}$

(B) $\dfrac{k}{p(p+q)}, \dfrac{k}{q(p+q)}$

(C) $\dfrac{pk}{p+q}, \dfrac{qk}{p+q}$

(D) None of these

113. The average age of a teacher and 25 students is 17 years. If the teacher's age is excluded, the average reduces by 2 years. The age of the teacher is :

(A) 63 years   (B) 65 years

(C) 67 years   (D) 69 years

114. A vendor lists his articles 25% above cost price and allows a discount of 12% on cash payment. His gain percent is :

(A) 8%   (B) 10%

(C) 13%   (D) 12.5%

115. In a certain workstation (1/3) of the workers are women, (1/2) of the women are married and (1/3) of the married women have children. If (2/3) of the men are married and (1/2) of the married men have children, what part of workers is without children ?

(A) $\dfrac{15}{18}$ (B) $\dfrac{13}{18}$

(C) $\dfrac{11}{18}$ (D) $\dfrac{5}{18}$

116. If $p^3 + 3p^2 + 3p = 7$, then the value of $p^2 + 2p$ is :

(A) 1   (B) 3

(C) 5   (D) 15

117. The value of $\cos^2 45° - \sin^2 15°$ is :

(A) $\dfrac{1}{4}$ (B) $\dfrac{\sqrt{3}}{2}$

(C) $\dfrac{\sqrt{3}}{4}$ (D) 1

118. When $2x + \dfrac{2}{x} = 3$, then the value of $x^3 + \dfrac{1}{x^3} + 2$ is :

(A) 7/2   (B) 7/8

(C) 8/7   (D) 2/7

119. The L.C.M. of two numbers is 45 times their H.C.F. If the sum of the L.C.M. and H.C.F is equal to 1150 and one of the numbers is 125, the difference between the numbers is equal to :

(A) 100   (B) 200

(C) 225   (D) 115

120. If $\dfrac{1}{5}$ of $645 + 7\dfrac{1}{3}$ of $33 - 3\dfrac{3}{4}$ of $x + 109 = 0$ then $x = $:

(A) 124   (B) 120

(C) 114   (D) None of these

PART - E

ATTITUDE & LEADERSHIP

121. The centrality of an attitude reflects :

    (A) A person's degree of negative or positive feelings about an object.

    (B) The extent to which an attitude is related to a person's other attitudes.

    (C) The extent to which an attitude is part of a person's concept of self.

    (D) The attitude's resistance to change.

122. Which of the following statements about leadership is false ?

    (A) Leadership does not necessarily take place within a hierarchical structure of an organisation

    (B) When people operate as leaders their role is always clearly established and defined

    (C) Not every leader is a manager

    (D) All the given options are correct

123. The foundation or base of the components of Job related attitude is _____.

    (A) Behaviour

    (B) Individual Attitude

    (C) Job satisfaction

    (D) Job Performance

124. In managerial grid, the style of management depicts the style of a leader who is neither concerned about the people nor does he care about the tasks to be performed is _____.

    (A) Task management

    (B) Impoverished style

    (C) Country club

    (D) Team management style

125. The Blake and Mouton Leadership (or Managerial) Grid uses two key dimensions in relation to management style; concern for _____ and concern for _____.

    (A) Production, co-operation

    (B) People, production

    (C) People, targets

    (D) Production, teamwork

126. Which of the following is a quality of a leader, as opposed to a manager ?

    (A) flexible   (B) analytical

    (C) rational   (D) stabilizing

127. According to Esses et al. (1993) feelings and emotions influence _____.

    (A) Attitude towards liked groups

    (B) Processing of personally salient information

    (C) Attitude towards disliked groups

    (D) Evaluation of self

128. Leadership is concerned with :

    (A) Leading other individuals

    (B) Leading groups

    (C) Leading organisation

    (D) All of these

129. Theory of planned behaviour was developed by _____.

    (A) Davis

    (B) Ajzen

    (C) Katz

    (D) Edward Thorndike

130. The VUCA model of leadership is based on the premise that :
   (A) The world is changing rapidly like never before
   (B) Diverse forms of leadership can cause unnecessary complexity
   (C) Static form of leadership will soon become obsolete
   (D) All of these

131. The belief that "discrimination is wrong" is a value statement. Such an opinion is the _____ component of an attitude.
   (A) Cognitive   (B) Affective
   (C) Reactive   (D) Behavioural

132. If attitude and behaviour are inconsistent, individuals will most likely _____.
   (A) change their behaviour
   (B) change their attitude
   (C) change either their attitude or behaviour
   (D) do nothing

133. Attitude is the main predictor of _____.
   (A) Observation   (B) Behaviour
   (C) Performance   (D) Perception

134. A phobia may be based on which components of attitude ?
   (A) Only behavioural
   (B) Only affective
   (C) Universal traits
   (D) Multi-component evaluations

135. The heroic leader :
   (A) greatly influences by their strong confidence in themselves
   (B) is someone whom we greatly respect
   (C) can save people from many difficult situations
   (D) All of these

136. Which can be considered as a difficulty in changing the Attitude of the employees ?
   (A) Providing new information
   (B) Use of fear
   (C) Influence by friends and peers
   (D) Escalation of Commitment

137. The theory of cognitive dissonance was proposed by _____.
   (A) Abraham Maslow
   (B) Geert Hofstede
   (C) Daryl Bem
   (D) Leon Festinger

138. "A pessimist sees difficulty in every opportunity; an optimist sees an opportunity in every difficulty." These words were said by :
   (A) Winston Churchill
   (B) Abraham Lincoln
   (C) APJ Kalam
   (D) Dressler

139. The _____ of an attitude tells us whether an attitude is positive or negative towards the attitude object.
   (A) Centrality
   (B) Valence
   (C) Extremeness
   (D) Simplicity

140. An individual is rejected in a job interview, which he was very eager to join. Now he claims his present job is better. He is using _____.
   (A) Reaction Formation
   (B) Projection
   (C) Regression
   (D) Rationalisation

SPACE FOR ROUGH WORK

141. As a manager, one of James' duties is to present awards to outstanding employees within his department. Which Mintzberg managerial role is James acting on when he does this ?

(A) leadership role   (B) liaison role

(C) monitor role   (D) figurehead role

142. Which Management Guru believed that managers should, above all else, be leaders ?

(A) Michael Porter   (B) Peter Drucker

(C) Tom Peters   (D) Philip Kotler

143. Which of the following are predictors of attitude strength ?

(A) Accessibility   (B) Consistency

(C) Ambivalence   (D) All of these

144. The Thurstone scale is an example of :

(A) An implicit attitude measure

(B) An explicit attitude measure

(C) A form of evaluative priming

(D) An implicit alternative to association tests

145. In the Blake and Mouton Leadership grid, which management style has a low concern for people but a high concern for production ?

(A) Impoverished

(B) Middle-of-the-road

(C) Country club

(D) Authority-compliance

146. Leadership today is increasingly associated with the concept of _____ .

(A) Getting others to follow

(B) Control

(C) Command

(D) Strategy

147. _____ refers to evaluative statements or judgments concerning objects, people, or events.

(A) Perception   (B) Appearance

(C) Attitude   (D) Demeanour

148. Employees with _____ strongly identify with and care about the kind of work they do.

(A) High job involvement

(B) High cognitive dissonance

(C) Low psychological empowerment

(D) Low organizational commitment

149. Which incident amongst the following shows "leading by example" ?

(A) Manager makes policy to reduce costs and frequently buys furniture for his office

(B) Manager has an open door policy and discusses important isuues with the HR department only

(C) Manager believes in making himself available to all and replies all queries on company blog

(D) Manager requests all to wear company badge but forgets to wear his own

150. A range of management behaviours based on the various ways that task-oriented and employee-oriented styles (each expressed as a continuum on a scale of 1 to 9) is known as :

(A) Bi-dimensional managerial grid

(B) Rectangular managerial grid

(C) Diagonal managerial grid

(D) BCG Matrix

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