DO NOT OPEN THE SEAL OF THE BOOKLET UNTIL YOU ARE TOLD TO DO SO.

Time Allowed : 2 Hours (For V.H. Candidates : 2 hr 20 min)   Maximum Marks : 200

निर्धारित समय : 2 घंटे (दृष्टिबाधित उम्मीदवारों के लिए : 2 घंटे 20 मिनट)   अधिकतम अंक : 200

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

This booklet contains questions in English as well as in Hindi.

प्रश्नों के उत्तर देने से पहले निम्नलिखित अनुदेशों को ध्यान से पढ़ लें।

इस पुस्तिका में प्रश्न अंग्रेजी तथा हिन्दी दोनों में दिये गये हैं।

INSTRUCTIONS TO CANDIDATES

1. This Booklet contains 200 questions in all comprising the following four parts :

Part – I :	General Intelligence	(50 Questions)
Part – II :	English Language	(50 Questions)
Part – III :	Quantitative Aptitude	(50 Questions)
Part – IV :	General Awareness	(50 Questions)

2. In questions set bilingually in English and Hindi, in case of discrepancy, the English version will prevail.

3. All questions are compulsory and carry equal marks.

4. *The paper carries negative marking. 0.25 marks will be deducted for each wrong answer.*

5. Before you start to answer the questions you must check up this Booklet and ensure that it contains all the pages (1-32) and see that no page is missing or repeated. If you find any defect in this Booklet, you must get it replaced *immediately.*

6. You will be supplied the Answer-Sheet separately by the Invigilator. You must complete and code the details of *Name, Roll Number, Ticket Number and Test Form Number* on Side-1 of the Answer-Sheet carefully. You must also put your signature and left-hand thumb impression on the Answer-Sheet at the prescribed place before you actually start answering the questions. These instructions must be fully complied with, failing which, your Answer-Sheet will not be evaluated and you will be awarded 'ZERO' mark.

(V.H. candidates will have to ensure that 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 Answer-Sheet. Those V.H. candidates who can sign should also put their signatures in addition to thumb impression.)

7. Answers must be shown by completely blackening the corresponding oval on Side-II of the Answer-Sheet against the relevant question number by Black/Blue Ball-point Pen only. Answers which are not shown by Black/Blue Ball-point Pen will not be awarded any mark.

8. A machine will read the coded information in the OMR Answer-Sheet. In case the information is incomplete or different from the information given in the application form, such candidate will be awarded 'ZERO' mark.

9. The Answer-Sheet must be handed over to the Invigilator before you leave the Examination Hall.

10. Failure to comply with any of the above instructions will render a candidate liable to such action/penalty as may be deemed fit.

11. The manner in which the different questions are to be answered has been explained at the back of this Booklet (Page No. 32), which you should read carefully before actually answering the questions.

12. Answer the questions as quickly and as carefully as you can. Some questions may be difficult and others easy. Do not spend too much time on any question.

13. In lieu of Question No. 38 to 50 and 141 to 150 relating to figural portions, alternate questions have been provided to be attempted by V.H. candidates only.

14. No rough work is to be done on the Answer-Sheet. Space for rough work has been provided below the questions.

15. *"Mobile phones and wireless communication devices are completely banned in the examination halls/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."*

उम्मीदवारों के लिए अनुदेश

1. इस पुस्तिका में कुल 200 प्रश्न हैं, जिनमें निम्नलिखित चार भाग शामिल हैं :

भाग–I :	सामान्य बुद्धि	(50 प्रश्न)
भाग–II :	अंग्रेजी भाषा	(50 प्रश्न)
भाग–III :	मात्रात्मक अभिक्षमता	(50 प्रश्न)
भाग–IV :	सामान्य जानकारी	(50 प्रश्न)

2. अंग्रेजी और हिन्दी भाषा में तैयार किए गए द्विभाषी प्रश्नों में कोई विसंगति होने की स्थिति में अंग्रेजी विवरण मान्य होगा।

3. सभी प्रश्न अनिवार्य हैं तथा सबके बराबर अंक हैं।

4. प्रश्न पत्र में नकारात्मक अंकन होगा। हर गलत उत्तर के लिए 0.25 अंक काट लिए जाएँगे।

5. प्रश्नों के उत्तर देने से पहले आप इस पुस्तिका की जांच करके देख लें कि इसमें पूरे पृष्ठ (1-32) हैं तथा कोई पृष्ठ कम या दुबारा तो नहीं आ गया है। यदि आप इस पुस्तिका में कोई त्रुटि पाएँ, तो तत्काल इसके बदले दूसरी पुस्तिका ले लें।

6. निरीक्षक द्वारा आपको उत्तर-पत्रिका अलग से दी जाएगी। उत्तर-पत्रिका के Side-1 में नियमावली के अनुसार ध्यानपूर्वक अपना *नाम, रोल नम्बर, टिकट नम्बर और टेस्ट फार्म संख्या* अवश्य लिखें। प्रश्नों के उत्तर वास्तव में शुरु करने से पहले उत्तर-पत्रिका पर निर्धारित स्थान में आप अपने हस्ताक्षर एवं बाएँ हाथ के अंगूठे का निशान भी अवश्य लगाएँ। उपर्युक्त अनुदेशों का पूरी तरह अनुपालन किया जाए, अन्यथा आपकी उत्तर-पत्रिका को जाँचा नहीं जाएगा और **'शून्य'** अंक दिया जाएगा।

(दृष्टिबाधित उम्मीदवारों के लिए यह विवरण लिपिक द्वारा भरा जाए। परन्तु सभी दृष्टिबाधित उम्मीदवार उत्तर-पत्रिका में निर्धारित स्थान पर अपने बाएँ हाथ के अंगूठे का निशान अवश्य लगाएँ। जो दृष्टिबाधित उम्मीदवार हस्ताक्षर कर सकते हैं, वे अंगूठे के निशान के अलावा अपने हस्ताक्षर भी कर दें।)

7. उत्तर-पत्रिका में सभी उत्तर Side-II में प्रश्न संख्या के सामने दिये गये सम्बन्धित अण्डाकार खानों को केवल काले/नीले बॉल-पॉइंट पेन से पूरी तरह काला करके दिखाएं। जो अण्डाकार खाने काले/नीले बॉल-पॉइंट पेन से नहीं भरे जाएँगे, उनके लिए कोई अंक नहीं दिया जाएगा।

8. ओ.एम.आर. उत्तर पत्रिका में भरी गई कूट सूचना को एक मशीन पढ़ेगी। यदि सूचना अपूर्ण है अथवा आवेदन प्रपत्र में दी गई सूचना से भिन्न है, तो ऐसे अभ्यर्थी को 'शून्य' अंक दिया जाएगा।

9. परीक्षा-भवन छोड़ने से पहले परीक्षार्थी को उत्तर-पत्रिका निरीक्षक के हवाले कर देनी चाहिए।

10. ऊपर के अनुदेशों में से किसी एक का भी पालन न करने पर उम्मीदवार पर विवेकानुसार कार्यवाही की जा सकती है या दण्ड दिया जा सकता है।

11. विभिन्न प्रश्नों के उत्तर देने की विधि इस पुस्तिका के पीछे (पृष्ठ संख्या 32) में छपे हुए निर्देशों में दे दी गई है, इसे आप प्रश्नों के उत्तर देने से पहले ध्यानपूर्वक पढ़ लें।

12. प्रश्नों के उत्तर जितनी जल्दी हो सके तथा ध्यानपूर्वक दें। कुछ प्रश्न आसान तथा कुछ कठिन हैं। किसी एक प्रश्न पर बहुत अधिक समय न लगाएँ।

13. आकृति से सम्बन्धित प्रश्न संख्या 38 से 50 एवं 141 से 150 के बदले में केवल दृष्टिबाधित उम्मीदवारों द्वारा हल किए जाने के लिए वैकल्पिक प्रश्न दिए गए हैं।

14. कोई रफ़ कार्य उत्तर-पत्रिका पर नहीं करना है। रफ़ कार्य के लिए स्थान प्रश्नों के नीचे दिया गया है।

15. ''परीक्षा हालों/ कमरों में मोबाइल फोन तथा बेतार संचार साधन पूरी तरह निषिद्ध हैं। प्रत्याशियों को उनके अपने हित में सलाह दी जाती है कि मोबाइल फोन/ किसी अन्य बेतार संचार साधन को स्विच ऑफ करके भी अपने पास न रखें। इस प्रावधान का अनुपालन न करने पर परीक्षा में अनुचित उपायों का प्रयोग माना जाएगा और उनके विरुद्ध कार्रवाई की जाएगी, उनकी अभ्यर्थिता रद्द कर देने सहित।''

इस पुस्तिका की सील तब तक न खोलें जब तक कहा न जाए।

PART - I

GENERAL INTELLIGENCE

Directions: In question numbers 1 to 6, select the related letter/word/number from the given alternatives.

1. Telephone : Mobile phone :: Computer : ?
   - (A) Television
   - (B) Printer
   - (C) Laptop
   - (D) Keyboard

2. Human : Carbohydrate :: Engine : ?
   - (A) Carburettor
   - (B) Cylinder
   - (C) Petrol
   - (D) Wheel

3. AZBZ : CYDY :: EXFX : ?
   - (A) GWHW
   - (B) IVJW
   - (C) HWIW
   - (D) FWFV

4. QYGO : SAIQ :: UCKS : ?
   - (A) WEMU
   - (B) WDMV
   - (C) WDLU
   - (D) VFNU

5. 8 : 12 :: 9 : 13 :: 10 : 14 :: ?
   - (A) 14 : 11
   - (B) 11 : 15
   - (C) 8 : 15
   - (D) 15 : 19

6. 53, 40, 27, _____ .
   - (A) 12
   - (B) 14
   - (C) 27
   - (D) 53

Directions : In question numbers 7 to 10, select the one which is different from the other three responses.

7.
   - (A) Table
   - (B) Chair
   - (C) Bench
   - (D) Cupboard

8.
   - (A) Golf
   - (B) Cricket
   - (C) Hockey
   - (D) Carrom

9.
   - (A) 37
   - (B) 43
   - (C) 51
   - (D) 60

10. 6, 13, 18, 25, 30, 37, 40
   - (A) 25
   - (B) 30
   - (C) 37
   - (D) 40

Directions : In question numbers 11 to 13, which one of the given responses would be a meaningful order of the following ?

11.
   - (1) Infancy
   - (2) Childhood
   - (3) Adulthood
   - (4) Babyhood
   - (5) Adolescence
   - (A) 1, 3, 5, 2, 4
   - (B) 1, 2, 3, 4, 5
   - (C) 1, 4, 5, 2, 3
   - (D) 1, 4, 2, 5, 3

12.
   - (1) Feedback
   - (2) Teach
   - (3) Reteach
   - (4) Plan
   - (5) Replan
   - (A) 1, 4, 2, 5, 3
   - (B) 3, 5, 2, 4, 1
   - (C) 2, 4, 1, 5, 3
   - (D) 4, 2, 1, 5, 3

13.
   - (1) Police
   - (2) Punishment
   - (3) Crime
   - (4) Judge
   - (5) Judgement
   - (A) 3, 1, 2, 4, 5
   - (B) 1, 2, 4, 3, 5
   - (C) 5, 4, 3, 2, 1
   - (D) 3, 1, 4, 5, 2

14. Arrange the following words as per order in the dictionary.
   - (1) Spokesperson
   - (2) Sportsman
   - (3) Spreadsheet
   - (4) Specification
   - (5) Sophisticated
   - (A) 5, 4, 1, 3, 2
   - (B) 4, 5, 1, 2, 3
   - (C) 5, 4, 2, 1, 3
   - (D) 5, 4, 1, 2, 3

Directions : In question numbers 15 and 16, which one set of letters when sequentially placed at the gaps in the given letter series shall complete it ?

15. w w _ x _ x _ y y z z _
   - (A) w x x z
   - (B) w x y z
   - (C) x w z w
   - (D) w z x y

16. m _ n m _ n _ a n _ a _ m a _
   - (A) a a m n a n
   - (B) a m m a n m
   - (C) a a m m n n
   - (D) a m a m m n

Directions : In question numbers 17 and 18, a series is given, with one number missing. Choose the correct alternative from the given ones that will complete the series.

17. 62, 61, 63, 62, 64, 63, _____ .
   - (A) 62
   - (B) 64
   - (C) 65
   - (D) 66

18. 70, 71, 76, _____ , 81, 86, 70, 91, ...
   - (A) 70
   - (B) 80
   - (C) 71
   - (D) 96

19. Given that 25th February 2008 is Monday, what day is 2nd March of 2008 ?
   - (A) Saturday
   - (B) Sunday
   - (C) Monday
   - (D) Tuesday

20. A is the mother of D and sister of B. B has a daughter C who is married to F. G is the husband of A. How is G related to D ?
   - (A) husband
   - (B) son
   - (C) father
   - (D) uncle

21. Sheela is Ravi's sister-in-law. Ram is Ravi's brother. Ram's wife is Sheela. Deepa is Ravi's sister. Deepa's mother is Shanthi. How is Sheela related to Shanthi ?
   - (A) Daughter-in-law
   - (B) Grand daughter
   - (C) Daughter
   - (D) Mother-in-law

Directions : In question numbers 22 and 23, from the given alternatives select the word which **cannot** be formed using the letters of the given word.

22. 'GEOGRAPHY'
    (A) REAP   (B) ROPE
    (C) HOPE   (D) GRAB

23. 'AROMATHERAPY'
    (A) MOTHER   (B) TRAUMA
    (C) RATHER   (D) PARROT

24. If room is called bed, bed is called window, window is called flower and flower is called cooler, on what would a man sleep ?
    (A) Window   (B) Bed
    (C) Flower   (D) Cooler

25. If CLOCK is written as KCOLC, how STEPS can be written in that code ?
    (A) SEPTS   (B) SPETS
    (C) SPSET   (D) SPEST

26. If in a certain language, POPULAR is coded as QPQVMBS, which word would be coded as GBNPVT ?
    (A) FAMOSU   (B) FAMOUS
    (C) FASOUM   (D) FOSAUM

Directions : In question numbers 27 and 28, select the missing number from the given responses.

27.
3	15	4
7	38	5
3	?	5

    (A) 15   (B) 19   (C) 20   (D) 18

28.
9	10	11
5	7	8
19	22	?

    (A) 25   (B) 24   (C) 19   (D) 41

29. Some equations are solved on the basis of certain system. Find out the correct answer for the unsolved equation on that basis $2 \times 3 \times 7 = 4949$, $5 \times 9 \times 4 = 258116$, $4 \times 6 \times 8 = ?$
    (A) 16128   (B) 81216
    (C) 162432   (D) 163664

30. Age of Nareen is equal to Naveen as they are twins. Nakul is younger than Nareen, Priyanka is younger than Balaji but elder than Naveen. Who is the eldest of all ?
    (A) Balaji   (B) Nakul
    (C) Naveen   (D) Nareen

31. A father's age is now three times that of his elder daughter. Five years back, his age was eight times that of his younger daughter. If the difference of ages of the two daughters is 5 years, what is the age of the father now ?
    (A) 50   (B) 60   (C) 45   (D) 55

32. A solid red coloured cube is painted yellow on all sides. The cube is cut into 125 equal cubes. How many sides will have 3 sides yellow ?
    (A) 4   (B) 8   (C) 12   (D) 10

33. In a row of children, A is 9th from the left and B is fifth from right. When A and B interchange their positions A will be 18th from the left. What will be B's position from the right ?
    (A) 9   (B) 5   (C) 18   (D) 14

34. Arun travels 8 km towards the North, turns left and travels 3 km and then, again turns right and covers another 4 km and then turns right and travels another 3 km. How far is he from the starting point ?
    (A) 11 km   (B) 12 km
    (C) 15 km   (D) 18 km

Directions : In question numbers 35 to 37, two statements are given followed by two/four conclusions I, II, III and IV. You have to consider the two statements to be true even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follow from the given statements.

35. Statements : 1. All buses are houses.
                  2. Some houses are lakes.

    Conclusions : I. Some buses are lakes.
                  II. Some lakes are buses.
                  III. Some lakes are houses.
                  IV. Some houses are buses.

    (A) Only conclusions II and III follow.
    (B) Only conclusions I and II follow.
    (C) Only conclusions III and IV follow.
    (D) All conclusions follow.

Statements : 1. All pens are papers.
           2. No Eraser is a paper.
Conclusions : I. No Eraser is a Pen.
           II. Some papers are pens.
(A) Only Conclusion I follows.
(B) Only Conclusion II follows.
(C) Neither Conclusions I nor II follows.
(D) Both Conclusion I and II follow.

37. Statements : 1. No mobile is a watch.
           2. All watches are calculators.
Conclusions : I. No calculator is a mobile.
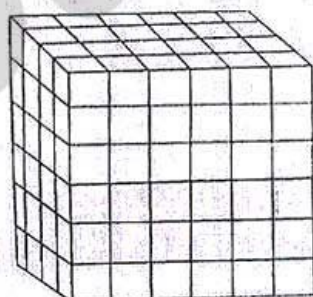   II. Some calculators are mobiles.
(A) Only Conclusion I follows.
(B) Only Conclusion II follows.
(C) Either Conclusion I or II follows.
(D) Neither Conclusion I nor II follows.

Directions : In question numbers 38 and 39, if a mirror is placed on the line MN, then which of the answer figures is the right image of the given figure ?

38. WINCHESTER
(A) ЯƎTꙅƎHƆИIW
(B) ЯƎTꙅƎHƆИIW
(C) ЯƎTꙅꓭHƆИIW
(D) ЯƎTꙅƎHƆИIW

39. APRIL
(A) JIꓤꟼA
(B) JIꓤIꟼA
(C) JIꓤꟼA
(D) LIꓤꟼA

40. How many cubes are there in this figure ?

(A) 180 (B) 144 (C) 84 (D) 69

41.
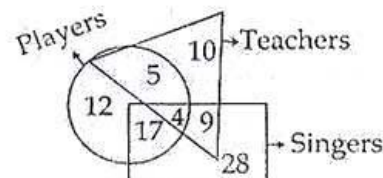
How many singers are neither players nor teachers ?

(A) 17 (B) 28 (C) 9 (D) 4

42. Triangle represents singers. Rectangle represents Dancers. Circle represents Musicians. Square represents Instrumentalists. Name the portion which excludes singers.
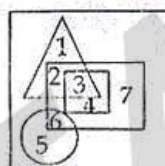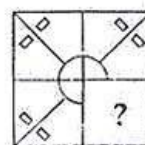

(A) 4567   (B) 1234
(C) 2347   (D) 1256

43. Identify the figure which best represents the relationship among Tables, Chairs and Furniture.
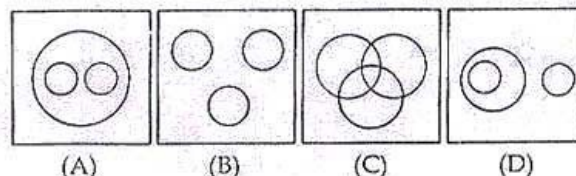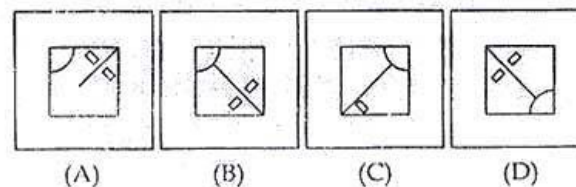

Directions : In question numbers 44 and 45, which answer figure will complete the pattern in the question figure ?
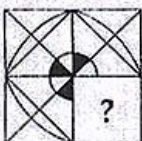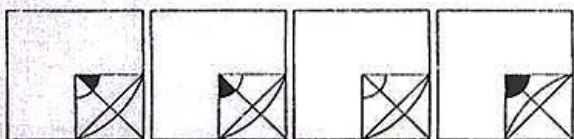
44. Question figure

Answer Figures

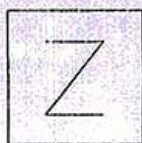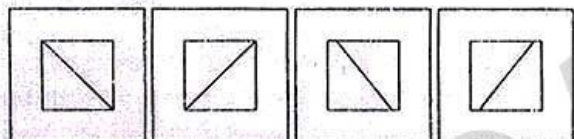**45.** Question figure

Answer Figures

(A) (B) (C) (D)

46. From the given answer figures, select the one in which the question figure is hidden/embedded.
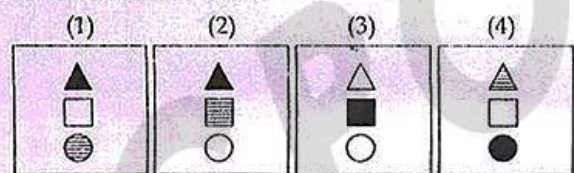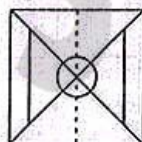Question figure

Answer Figures

(A) (B) (C) (D)

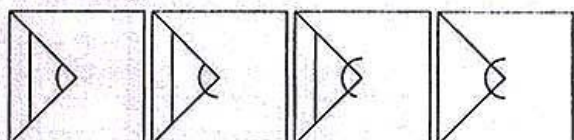**47.** Find the odd one out.

(1) (2) (3) (4)

(A) 1 (B) 2 (C) 3 (D) 4

48. If the following pattern is drawn in a transparent square sheet and folded along the dotted lines, how does it appear ?
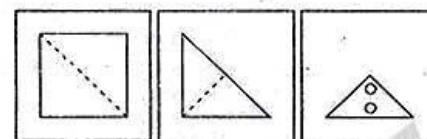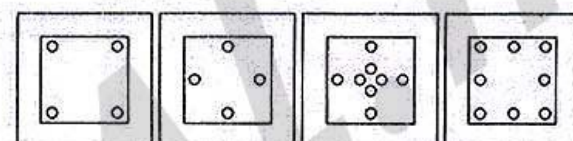Question figure

Answer Figures

(A) (B) (C) (D)

49. A square sheet of paper has been folded and punched as shown in the following series of figures. How will it appear when opened ?

Question figure

Answer Figures

(A) (B) (C) (D)

50. A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as in two matrices given below. The columns and rows of Matrix I are numbered from 0 to 4 and that of Matrix II are numbered from 5 to 9. A letter from these matrices can be represented *first by its row* and *next by its column*, e.g., 'A' can be represented by 24, 33 etc., and 'D' can be represented by 56, 69 etc. Similarly, to identify the set for the word BEAD.

Matrix I					
	0	1	2	3	4
0	I	E	A	O	U
1	A	O	U	I	E
2	E	I	O	U	A
3	O	U	E	A	I
4	U	A	I	E	O

Matrix II					
	5	6	7	8	9
5	F	D	B	G	H
6	B	G	H	F	D
7	D	F	G	H	B
8	G	H	D	B	F
9	H	B	F	G	D

(A)   97, 32, 14, 56 (B)   88, 41, 20, 57

(C)   57, 32, 41, 87 (D)   75, 14, 20, 57

PART - II

ENGLISH LANGUAGE

Directions : In question numbers 51 to 56, some parts of the sentences have errors and some have none. Find out which part of a sentence has an error and blacken the oval [●] corresponding to the appropriate letter (A, B, C). If a sentence is free from error, blacken the oval corresponding to (D) in the Answer Sheet.

51. The speaker / left the scene / before long. / No Error.
    (A)   (B)   (C)   (D)

52. We shall / go out / if it does not rains. / No Error.
    (A)   (B)   (C)   (D)

53. The President / overtakes / in Bangladesh. / No Error.
    (A)   (B)   (C)   (D)

54. It is high time / that we leave / this place. / No Error.
    (A)   (B)   (C)   (D)

55. The Hindu is / most popular, than any other /
    (A)   (B)

    newspaper in India. / No Error.
    (C)   (D)

56. My elder brother / asked me /
    (A)   (B)

    that what I was doing. / No Error.
    (C)   (D)

Directions : In question numbers 57 to 61, sentences are given with blanks to be filled in with an appropriate word(s). Four alternatives are suggested for each question. Choose the correct alternative out of the four and indicate it by blackening the appropriate oval [●] in the Answer Sheet.

57. I _____ your house yesterday.
    (A) passed by   (B) past by
    (C) passing by   (D) pasting by

58. I have never seen _____ animal before.
    (A) so large   (B) any larger
    (C) as large   (D) such a large

59. She is _____ girls I know.
    (A) one of the best   (B) from the best
    (C) the most best   (D) the best

60. He said to me, "You are _____".
    (A) fool   (B) fooling
    (C) a fool   (D) a foolish

61. In the tragic incident, none of the 145 passengers _____.
    (A) is surviving   (B) could survived
    (C) survive   (D) survived

Directions : In question numbers 62 to 64, out of the four alternatives, choose the one which best expresses the meaning of the given word and mark it in the Answer Sheet.

62. Pleasure
    (A) Happiness   (B) Comfort
    (C) Privilege   (D) Support

63. Onus
    (A) Antipathy   (B) Inclination
    (C) Responsibility   (D) Prudence

64. Essential
    (A) Trivial   (B) Hidden
    (C) Obvious   (D) Vital

Directions : In question numbers 65 to 67, choose the word opposite in meaning to the given word and mark it in the Answer Sheet.

65. Compassionate
    (A) Indecisive   (B) Unlawful
    (C) Heartless   (D) Untrustworthy

66. Wither
    (A) Wilt   (B) Shine
    (C) Bloom   (D) Excel

67. Tasty
    (A) Palatable   (B) Delicious
    (C) Insipid   (D) Appetising

Directions : In question numbers 68 to 72, four alternatives are given for the Idiom\Phrase. Choose the alternative which best expresses the meaning of the Idiom\Phrase and mark it in the Answer Sheet.

68. To give vent to :
    (A) express   (B) cause trouble
    (C) lose courage   (D) circulate

69. To get wind :
    (A) to fly   (B) to forget
    (C) come to know   (D) to tell

70. Under the thumb of :
    (A) under control of   (B) beyond control of
    (C) under the nose of (D) active

71. Part and parcel :
    (A) large part   (B) partly
    (C) unnecessary part   (D) essential element

72. Stand-by :
    (A) resist   (B) support
    (C) postpone   (D) stand up

Directions : In question numbers 73 to 79, a part of the sentence is underlined. Below are given alternatives to the underlined part at (A), (B), (C) which may improve the sentence. Choose the correct alternative. In case no improvement is needed your answer is (D). Mark your answer in the Answer Sheet.

73. I watched him fell.
    - (A) him fall
    - (B) him to fell
    - (C) him to falling
    - (D) no improvement

74. We want the leader to be he who works for the people.
    - (A) to be the leader
    - (B) to be he
    - (C) to be a person
    - (D) no improvement

75. The one factor that governs the progress of a nation is education.
    - (A) single factor
    - (B) primary factor
    - (C) one of the factors
    - (D) no improvement

76. I do not think it would not rain.
    - (A) will not rain
    - (B) will rain
    - (C) should not rain
    - (D) should rain

77. You are getting a beautiful salary.
    - (A) a smart
    - (B) a handsome
    - (C) a heavy
    - (D) no improvement

78. Mr. Sharma was stubborn that his son will attend coaching classes.
    - (A) pleased
    - (B) amazed
    - (C) determined
    - (D) doubtful

79. As a wise old man, the Chief of the Apaches imagined a time when the white men and his fellow Indians would no longer fight for the land.
    - (A) envisaged
    - (B) think
    - (C) forecast
    - (D) expect

Directions : In question numbers 80 to 83, out of the four alternatives choose the one which can be substituted for the given words/sentence.

80. Fluent and clear in speech
    - (A) confident
    - (B) emotional
    - (C) enthusiastic
    - (D) articulate

81. One who eats both vegetables and meat
    - (A) Carnivorous
    - (B) Omnivorous
    - (C) Vegevorous
    - (D) Herbivorous

82. Spoken or done without preparation
    - (A) verbation
    - (B) verbose
    - (C) extempore
    - (D) amateur

83. One who gains benefit from something
    - (A) a beneficiary
    - (B) a benefactor
    - (C) a miser
    - (D) a hermit

Directions : In question numbers 84 and 85, there are four different words out of which one is correctly spelt. Find the correctly spelt word and indicate it by blackening the appropriate oval [●] in the Answer Sheet.

84. (A) thorogh
    (B) thurough
    (C) thorouh
    (D) thorough

85. (A) honorery
    (B) honorary
    (C) honerary
    (D) honarary

Directions : In question numbers 86 to 100, you have following two brief passages with 10 questions in **Passage - I** and 5 questions in **Passage - II**. Read the passages carefully and fill up the blanks with suitable words out of the four alternatives given.

[Passage - I] (Question numbers 86 - 95)

"My new machine is so __(86)__ that it will even suck out ground-in dust and dirt __(87)__ this". As he spoke, he used his __(88)__ to press the soot and dust into the carpet.

The old lady __(89)__ again, but without __(90)__ success as the young man had __(91)__ gone out of the front door.

A few minutes __(92)__, he reappeared with a very modern-looking vacuum cleaner. 'Now, where can I __(93)__ this in ?' he asked.

"Probably the next village, about ten miles away", replied the old lady. "The electricity __(94)__ hasn't __(95)__ here yet".

86. (A) effective
    (B) expensive
    (C) strong
    (D) organized

87. (A) similar
    (B) like
    (C) such
    (D) as

88. (A) shoulder
    (B) heel
    (C) ankle
    (D) knee

89. (A) stated
    (B) questioned
    (C) spoke
    (D) tried

90. (A) little
    (B) much
    (C) some
    (D) no

91. (A) rapidly
    (B) quickly
    (C) fastly
    (D) softly

92. (A) following
    (B) after
    (C) later
    (D) ago

93. (A) connect
    (B) join
    (C) insert
    (D) plug

94. (A) supply
    (B) power
    (C) wires
    (D) companies

95. (A) appeared
    (B) arrived
    (C) reached
    (D) started

[Passage - II] (Question numbers 96 - 100)

The thermometre is an instrument for measuring temperature. The __(96)__ form consists of a __(97)__ tube with a fine __(98)__. One end of the __(99)__ is blown to form __(100)__ bulb and the other is closed.

96. (A) common
    (B) seen
    (C) unseen
    (D) heard

97. (A) metal
    (B) brass
    (C) glass
    (D) plastic

98. (A) bore
    (B) boar
    (C) cavity
    (D) mole

99. (A) place
    (B) tube
    (C) edge
    (D) centre

100. (A) an
     (B) that
     (C) a
     (D) all

115. A dishonest fruit vendor sells his goods at cost price but he uses a weight of 900 gm for the kg. weight. His gain percent is :

(A) $11\frac{1}{9}$ %   (B) $10\frac{1}{9}$ %

(C) 10%   (D) 12%

116. By selling a Car for ₹ 64,000, Mr. Rao lost 20%. Then the cost price of the Car is :

(A) ₹ 76,800   (B) ₹ 80,000

(C) ₹ 84,000   (D) ₹ 72,000

117. A grocery dealer cheats to the extent of 10% while buying as well as selling by using false weight. What is his increase in the profit % ?

(A) 20%   (B) 21%

(C) 22%   (D) None of these

118. 31% of employees pay tax in the year 2008. Non - tax paying employees are 20,700. The total number of employees is :

(A) 64,750   (B) 30,000

(C) 66,775   (D) 31,160

119. In an assembly election, a candidate got 55% of the total valid votes. 2% of the total votes were declared invalid. If the total number of voters is 104000, then the number of valid votes polled in favour of the candidate is :

(A) 56650   (B) 56560

(C) 56056   (D) 56506

120. Two trains of equal length are running on parallel lines in the same direction at 46 km/h and 36 km/h. The faster train passes, the slower train in 36 sec. The length of each train is :

(A) 50 m   (B) 80 m

(C) 72 m   (D) 82 m

121. A train covers a distance of 10 km in 12 minutes. If its speed is decreased by 5 km/hr, the time taken by it to cover the same distance will be :

(A) 13 mins 20 sec   (B) 13 mins

(C) 11 mins 20 sec   (D) 10 mins

122. In how many years will a sum of money double itself at 12% per annum ?

(A) 6 yrs. 9 months   (B) 8 yrs. 4 months

(C) 7 yrs. 6 months   (D) 8 yrs. 6 months

123. The compound interest on a certain sum for two successive years are ₹ 225 and ₹ 238.50. The rate of interest per annum is :

(A) 5   (B) 10   (C) 6   (D) $7\frac{1}{2}$

124. A parallelepiped whose sides are in ratio 2 : 4 : 8 have the same volume as a cube. The ratio of their surface area is :

(A) 4 : 3   (B) 8 : 5   (C) 7 : 6   (D) 7 : 5

125. If the orthocentre and the centroid of a triangle are the same, then the triangle is :

(A) Right angled   (B) Equilateral

(C) Obtuse angled   (D) Scalene

126. If A denotes the volume of a right circular cylinder of same height as its diameter, and B is the volume of a sphere of same radius, then $\frac{A}{B}$ is :

(A) $\frac{3}{2}$ (B) $\frac{2}{3}$ (C) $\frac{3}{4}$ (D) $\frac{4}{3}$

127. If the surface area of two spheres are in the ratio 4 : 9, then the ratio of their volume will be :

(A) 2 : 3
(B) 4 : 9
(C) 8 : 27
(D) 16 : 81

128. The parallel sides of a trapezium are in a ratio 2 : 3 and their shortest distance is 12 cm. If the area of the trapezium is 480 sq. cm., the longer of the parallel sides is of length :

(A) 36 cm
(B) 42 cm
(C) 48 cm
(D) 56 cm

129. A gear 12 cm in diameter is turning a gear 18 cm in diameter. When the smaller gear has 42 revolutions, how many has the larger one made ?

(A) 20
(B) 15
(C) 24
(D) 28

130. If $2x + y = 6$ and $x = 2$ are two linear equations, then graph of two equations meet at a point :

(A) (0, 2)
(B) (2, 2)
(C) (1, 2)
(D) (2, 0)

131. If $x = 3 + 2\sqrt{2}$ and $xy = 1$, then the value of

$$\frac{x^2 + 3xy + y^2}{x^2 - 3xy + y^2} \text{ is :}$$

(A) $70/31$
(B) $35/31$
(C) $34/31$
(D) $30/31$

132. If $x^3 + y^3 = 35$ and $x + y = 5$, then the value of $\frac{1}{x} + \frac{1}{y}$ will be :

(A) $\frac{5}{6}$
(B) 6
(C) $\frac{2}{3}$
(D) $\frac{1}{3}$

133. The value of λ for which the expression $x^3 + x^2 - 5x + \lambda$ will be divisible by $(x - 2)$ is :

(A) -2
(B) -3
(C) 4
(D) 2

134. The equidistant point from the vertices of a triangle is called its :

(A) Incentre
(B) Circumcentre
(C) Orthocentre
(D) Centroid

135. In triangle PQR, points A, B and C are taken on PQ, PR and QR respectively such that QC = AC and CR = CB. If $\angle QPR = 40°$, then $\angle ACB$ is equal to :

(A) 40°
(B) 70°
(C) 100°
(D) 140°

136. Two chords AB and CD of a circle with centre O intersect each other at the point P. If $\angle AOD = 20°$ and $\angle BOC = 30°$, then $\angle BPC$ is equal to :

(A) 20°
(B) 25°
(C) 30°
(D) 50°

137. In a $\triangle ABC$, $\overline{AB}^2 + \overline{AC}^2 = \overline{BC}^2$ and $\overline{BC} = \sqrt{2} \, \overline{AB}$, then $\angle ABC$ is :

(A) 45°
(B) 60°
(C) 90°
(D) 30°

138. The numerical value of

$$\frac{5}{\sec^2\theta} + \frac{2}{1 + \cot^2\theta} + 3\sin^2\theta \text{ is :}$$

(A) 2
(B) 3
(C) 4
(D) 5

139. The simplest value of
$\sin^2 5° + \sin^2 10° + \sin^2 15° + \ldots + \sin^2 85° + \sin^2 90°$
is :

(A) 1
(B) $9\frac{1}{2}$
(C) 9
(D) $8\frac{1}{2}$

140. The distance between two vertical poles is 60 m. The height of one of the poles is double the height of the other. The angles of elevation of the top of the poles from the middle point of the line segment joining their feet are complementary to each other. The height of the poles are :

(A) 20 m and 40 m
(B) 20.9 m and 41.8 m
(C) $15\sqrt{2}$ m and $30\sqrt{2}$ m
(D) 10 m and 20 m

Directions : The following pie-chart shows the number of students who failed in different subjects in an examination. Examine the chart and answer the questions 141 to 145. The total number of students who have failed is 500.
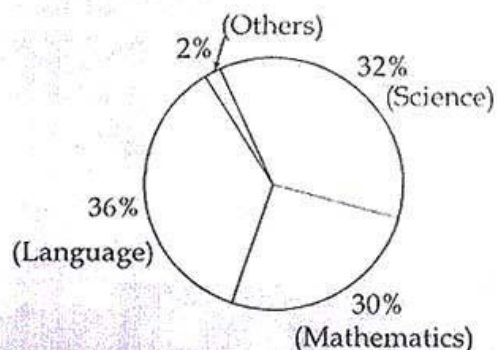
141. Total number of students who did not qualify in Mathematics or Language or Science, is :

    (A) 490 (B) 480 (C) 470 (D) 460

142. The number of students failed in science is less than the number of students failed in all other subjects by :

    (A) 140 (B) 180 (C) 160 (D) 170

143. Number of students who failed in mathematics is less than the students who did not qualify in languages is :

    (A) 40 (B) 30 (C) 50 (D) 20

144. The percentage of students who have failed in mathematics or language is :

    (A) 60%   (B) 66%
    (C) 62%   (D) 65.5%

145. The central angle of the sector for the students who have failed in mathematics is :

    (A) 100°   (B) 105.2°
    (C) 108°   (D) 30°

Directions : Study the following histogram and answer the question numbers 146 to 150.
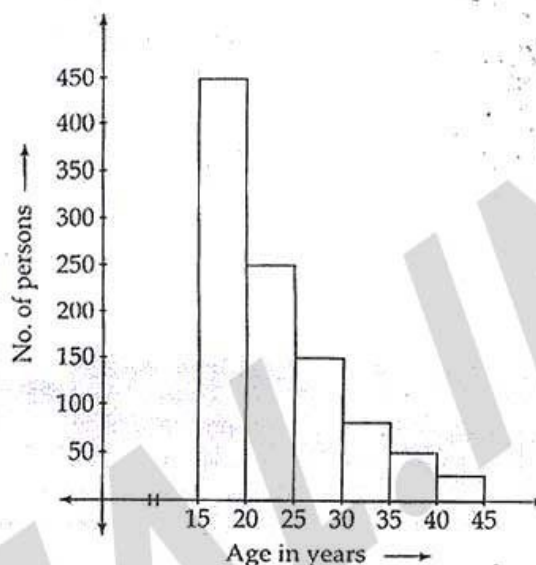
146. The total number of persons in the age group of 15 yrs to 45 yrs are :

    (A) 800   (B) 1000
    (C) 500   (D) 450

147. The number of persons in the age group 20 - 30 years is :

    (A) 400 (B) 300 (C) 700 (D) 475

148. The ratio of the number of persons between the age group of 20 - 25 and 30 - 35 :

    (A) 2 : 1   (B) 10 : 3
    (C) 6 : 1   (D) 1 : 3

149. The ratio of maximum population in an age group to the total numbers of persons under study is :

    (A) 9 : 10   (B) 9 : 20
    (C) 2 : 5   (D) 4 : 5

150. The percentage of population under study which is in the age group of 40 - 45 is :

    (A) 3.5 (B) 1.5 (C) 5 (D) 2.5

PART - IV

GENERAL AWARENESS

151. The Kharif crops are harvested in :
   (A) June - July
   (B) October - November
   (C) May - June
   (D) March - April

152. Which of the following cost curve is never 'U' shaped ?
   (A) Average cost curve
   (B) Marginal cost curve
   (C) Average variable cost curve
   (D) Average fixed cost curve

153. Hydro-electric power is a :
   (A) renewable natural resource
   (B) non-renewable natural resource
   (C) a mixture of renewable and non-renewable natural resource
   (D) neither renewable nor non-renewable resource

154. National Income is also called as :
   (A) NNP at Market Price
   (B) GNP at Factor Cost
   (C) GNP at Market Price
   (D) NNP at Factor Cost

155. The Members and Chairman of the Union Public Service Commission, are appointed by the :
   (A) Prime Minister of India
   (B) President of India
   (C) Chief Justice of India
   (D) Parliament of India

156. At the time of enactment of the Constitution, which one of the following ideals was **not** included in the Preamble ?
   (A) Equality   (B) Justice
   (C) Socialist   (D) Liberty

157. Money can be spent out of the Consolidated Fund of India with the approval of :
   (A) The President
   (B) The Parliament
   (C) The Speaker of Lok Sabha
   (D) The Comptroller and Auditor General

158. Which of the following is not a Union Territory ?
   (A) Lakshadweep
   (B) Pondicherry
   (C) Nagaland
   (D) Daman and Diu

159. India was granted freedom during the British Prime Minister :
   (A) William Pitt
   (B) Clement Attlee
   (C) Winston Churchill
   (D) Ramsay MacDonald

160. In which of the following list does the subject 'planning' figure ?
   (A) Union List   (B) State List
   (C) Concurrent List (D) Residuary List

161. The doctrine of Lapse was introduced by :
   (A) Dalhousie   (B) Canning
   (C) Rippon   (D) Lytton

162. The famous tourist centre Mahabalipuram is located near :
   (A) Calcutta
   (B) Bombay
   (C) Delhi
   (D) Chennai

163. Who was the first Indian Governor General after Lord Mount Batten ?

   (A) Pattabi Sitaramayya

   (B) Jawaharlal Nehru

   (C) C. Rajagopalachari

   (D) Rajendra Prasad

164. Babur was succeeded to the Mughal throne by :

   (A) Bahadur Shah   (B) Sher Shah

   (C) Akbar   (D) Humayun

165. The Chinese pilgrim visited India during the reign of Harshavardhana was :

   (A) Fahien

   (B) Hiuen Tsang

   (C) Itsing

   (D) Wang Hiuen Tse

166. The Temperate grasslands of North America are known as :

   (A) Prairies   (B) Pampas

   (C) Downs   (D) Steppes

167. The river which has a greater flow of water than any other river in the world is :

   (A) River Nile

   (B) River Hwang-ho

   (C) River Amazon

   (D) River Zaire

168. The rapid sliding of large masses of bed rocks is called :

   (A) Mass wasting   (B) Landslide

   (C) Earthquake   (D) Weathering

169. Which place is located on the water divide between the Indus and the Ganges river systems ?

   (A) Allahabad   (B) Varanasi

   (C) Gaya   (D) Ambala

170. Zojila pass connects :

   (A) Kashmir and Tibet

   (B) Nepal and Tibet

   (C) Leh and Kargil

   (D) Leh and Srinagar

171. Jaws are absent in :

   (A) Reptiles   (B) Birds

   (C) Fishes   (D) Protochordates

172. Among the following sets of salient features, which set does not exclusively characterize mammals ?

   (A) Presence of mammary glands, hairs on skin and diaphragm.

   (B) Presence of sweat glands, hairs on skin and diphyodonts.

   (C) Presence of mammary glands, sweat glands and diaphragm.

   (D) Warm blooded, 4 chambered heart and foetal membrane.

173. An ant can see the objects all around it due to the presence of :

   (A) Simple eyes

   (B) Eyes over the head

   (C) Well developed eyes

   (D) Compound eyes

174. A man suffering from diabetes mellitus drinks water more frequently as he has to eliminate from the blood extra :

   (A) salt   (B) glucose

   (C) insulin   (D) glucagon

175. The word Biosphere refers to :

(A) Zone of water on earth which can support life.

(B) Zone of soil, water and air around earth capable of supporting the flora and fauna.

(C) Part of earth surface which can support the flora.

(D) Parts of air around earth where life can exist.

176. Symptoms of Jaundice occur mainly due to disorder and malfunction of :

(A) Pancreas   (B) Intestine

(C) Liver   (D) Stomach

177. When hot liquid is poured into a thick glass tumbler, it cracks because glass :

(A) has low temperature coefficient of expansion.

(B) is a bad conductor of heat so only inner surface expands.

(C) has high temperature coefficient of expansion.

(D) has a very low specific heat.

178. A solid needle placed horizontally on the surface of the water floats due to :

(A) viscosity of water

(B) capillary action

(C) water pressure

(D) surface tension of water

179. The oil in the wick of an oil lamp rises up due to :

(A) pressure difference

(B) capillary action

(C) low viscosity of oil

(D) gravitational force

180. Both the ALU and Control Section have special purpose storage locations called :

(A) Address   (B) Registers

(C) Accumulators   (D) Bus

181. Telnet is a :

(A) search engine   (B) browser

(C) protocol   (D) gateway

182. The term ODBC stands for :

(A) Object Database Connectivity.

(B) Object Database Communication.

(C) Open Database Communication.

(D) Open Database Connectivity.

183. The heat treatment applied to milk before distribution to stabilize and to remove disease causing bacteria is called as :

(A) Homogenisation   (B) Pasteurisation

(C) Fermentation   (D) Coagulation

184. A drop of liquid assumes spherical shape because :

(A) Intermolecular forces are weak in liquids

(B) Intermolecular forces are strong in liquids

(C) A sphere has the least surface area for a given volume

(D) A sphere has the largest surface area for a given volume

185. The two metal ions that cause hardness to water are :

(A) Sodium, Magnesium

(B) Calcium, Magnesium

(C) Sodium, Calcium

(D) Sodium, Potassium

186. Biogradable wastes can usually be converted into useful substances with the help of :

(A) bacteria

(B) nuclear proteins

(C) radio-active substances

(D) viruses

187. Which one of the following is an indicator of air pollution ?

(A) Lichens   (B) Cycas

(C) Algae   (D) Bryophytes

188. The liquid waste from kitchens and baths, of residences is known as :
(A) Refuse
(B) Domestic sewage
(C) Storm water
(D) Sullage

189. Which of the following metals contribute to biomagnification problem in the ecosystem ?
(A) Lead
(B) Mercury
(C) Chromium
(D) Copper

190. Which of the following item is **not** included in Environmental Auditing ?
(A) Storage of toxic chemicals
(B) Pollution monitoring schemes
(C) Scrutiny by the government agencies
(D) Safety provisions for industrial workers

191. Saina Nehwal won her maiden Indonesia Open Title on 16th March 2012 after defeating in Final :
(A) Xuerui Li
(B) Ratchanok Inthanon
(C) Liem Savie King
(D) Rudy Hastono

192. 'Slumdog Millionaire' film is based on the book 'Question and Answer' written by :
(A) Vikas Swarup
(B) Vinesh Swaroop
(C) Vimal Swaroop
(D) None of the above

193. Where did the so-called 'Black Hole Tragedy' take place ?
(A) Murshidabad
(B) Dacca
(C) Monghyr
(D) Calcutta

194. Tsunami which caused havoc in Japan occurred on :
(A) 8th March 2011
(B) 11th March 2011
(C) 14th March 2011
(D) 17th March 2011

195. Find the odd one out :
(A) ASEAN
(B) NAFTA
(C) NATO
(D) EEC

196. As per 2011 Census data, the overall sex-ratio in the country is :
(A) 930
(B) 933
(C) 940
(D) 943

197. Who amongst the following has **never** been the Governor of Reserve Bank of India ?
(A) Y.V. Reddy
(B) D. Subbarao
(C) C. Rangarajan
(D) B.B. Bhattacharya

198. Barack Hussain Obama belongs to which of the following political parties ?
(A) Labour
(B) Democratic
(C) Republican
(D) American National Conference

199. Which of the following countries recently conferred its Highest State Honour on Late Mrs. Indira Gandhi for her contribution in its 'Liberation War' ?
(A) South Sudan
(B) Bangladesh
(C) Slovakia
(D) Croatia

200. 'SCOPE' is the abbreviated form of :
(A) Standing Conference of Public Enterprises
(B) Selection Commission of Public Enterprises
(C) Specialist Committee of Public Enterprises
(D) None of the above

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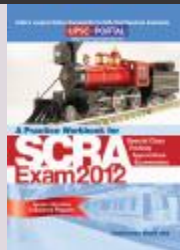Ø Click Here For Study Kit For SSC CHSL (10+2) Examinations

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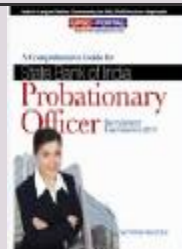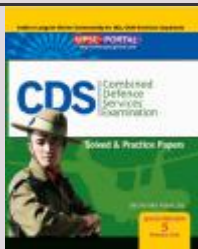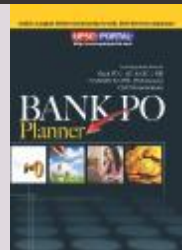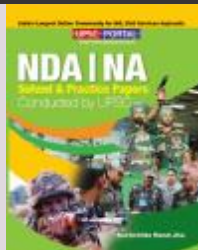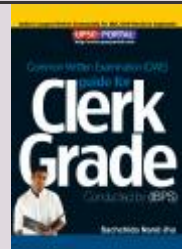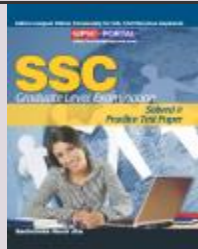
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