Downloaded From : http://sscportal.in

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 घण्टे (दृष्टिबाधित उम्मीदवारों के लिए : 2 घण्टे 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 (1-40) 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-I 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 ovals 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. 40), 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 Nos. **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. अंग्रेज़ी और हिन्दी भाषा में तैयार किए गए द्विभाषी प्रश्नों में कोई विसंगति होने की स्थिति में अंग्रेज़ी विवरण मान्य होगा ।
3. सभी प्रश्न अनिवार्य हैं तथा सबके बराबर अंक हैं ।
4. *प्रश्न पत्र में नकारात्मक अंकन होगा । हर ग़लत उत्तर के लिए 0.25 अंक काटा जाएगा ।*
5. **प्रश्नों के उत्तर देने से पहले आप इस पुस्तिका की जाँच करके देख लें कि इसमें पूरे पृष्ठ (1-40) 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-I में नियमावली के अनुसार ध्यानपूर्वक अपना ***नाम, रोल नम्बर, टिकट नम्बर और टेस्ट फॉर्म संख्या*** अवश्य लिखें । प्रश्नों के उत्तर वास्तव में शुरू 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 दिखाएँ । 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 40) 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** और **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 को 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

Downloaded From : http://sscportal.in

Downloaded From : http://sscportal.in

PART – I

GENERAL INTELLIGENCE

Directions : In Question Nos. **1** to **6**, select the related letter/word/number from the given alternatives.

1. Shoe : Leather : : Highway : ?
(A) Asphalt (B) Cement
(C) Gravel (D) Road

2. Clock : Time : : Thermometer : ?
(A) Heat (B) Fever
(C) Temperature (D) Humidity

3. BAB : CEC : : DID : ?
(A) FUF (B) FOF
(C) GUG (D) GOG

4. AFKP : HMRW : : DINS : ?
(A) KORV (B) KNQT
(C) EHKP (D) KPUZ

5. 4 : 20 : : 6 : ?
(A) 36 (B) 12
(C) 8 (D) 42

6. 4 : 64 : : 2 : ?
(A) 16 (B) 8
(C) 22 (D) 12

Directions : In Question Nos. **7** to **9**, select the one which is different from the other three responses.

7. (A) Bhutan (B) Bangladesh
(C) China (D) Pakistan

8. (A) Bat (B) Parrot
(C) Crow (D) Pigeon

9. (A) ABT (B) CEN
(C) TOS (D) AIO

Directions : In Question Nos. **10** to **12**, find the odd number/letters from the given alternatives.

10. 2, 5, 10, 50, 500, 5000
(A) 50 (B) 500
(C) 5000 (D) 10

11. 11, 13, 15, 17, 19, 23
(A) 11 (B) 13
(C) 15 (D) 23

12. (A) YBCX (B) LOPK
(C) TGHS (D) KQRI

Directions : In Question Nos. **13** & **14**, arrange the following words as per order in the dictionary.

13. 1. Zephyr 2. Zodiac
3. Zoonomy 4. Zenith
5. Zig Zag
(A) 2, 4, 3, 5, 1 (B) 4, 2, 1, 3, 5
(C) 4, 1, 5, 2, 3 (D) 5, 3, 2, 4, 1

14. 1. Chemistry 2. Chamber
3. Cheap 4. Cheerful
(A) 2, 1, 3, 4 (B) 3, 4, 2, 1
(C) 2, 4, 3, 1 (D) 2, 3, 4, 1

SPACE FOR ROUGH WORK

SSCPORTAL.IN

Downloaded From : http://sscportal.in

Downloaded From : http://sscportal.in

15. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it ?

a_c_ba_ca_cb

(A) abcc (B) acba
(C) bcaa (D) bcba

16. A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

ADG, XVT, BEH, WUS, ?

(A) VTR (B) CFI
(C) DFJ (D) STU

17. X is mightier than Y and Y is mightier than Z. P is mightier than Q but inferior to Y. Q is mightier than Z. Who is the weakest among all ?

(A) X (B) Z
(C) Q (D) P

18. When two numbers are added together, the value is 54 and their difference is 12. Which number is higher among the two ?

(A) 21 (B) 33
(C) 66 (D) 18

19. Raja walks slower than Raghu and Raghu walks as fast as Guru and Krishna walks faster than Guru. Who walks the fastest ?

(A) Raghu
(B) Raja
(C) Krishna
(D) Both Raghu and Guru

Directions : In Question Nos. **20** & **21**, from the given alternatives select the word which cannot be formed using the letters of the given word.

20. BRITTANICA

(A) ANT (B) ANTARTICA
(C) CAT (D) BRAND

21. REJUVENATION

(A) JUTE (B) NATION
(C) REVISION (D) NATIVE

22. If 'LEVEL' is written as 'MFWFM', how can we write 'VELEL' ?

(A) WFMMF
(B) FMFMW
(C) WFMFM
(D) WMMFW

23. If TABLECLOTH is coded as XEMRANRIXT, how can HOTEL be coded ?

(A) RIXAT (B) TIXAR
(C) TAXIR (D) RAXIT

24. If E is A, A is R, R is X, M is S, T is W, P is O, W is E, O is T. Then what is WARMOTE ?

(A) XERSWTAO
(B) ERSXIAWO
(C) ERXSTWA
(D) ESRXWAOT

SPACE FOR ROUGH WORK

SSCPORTAL.IN

Downloaded From : http://sscportal.in

Downloaded From : http://sscportal.in

Directions : In Question Nos. **25** to **30**, select the missing number from the given responses.

25. 2, 9, 28, 65, ?

(A) 121 (B) 195
(C) 126 (D) 103

26. 2, 6, 8, 16, 30, 54, ?

(A) 74 (B) 88
(C) 100 (D) 110

27. If 48 ÷ 42 = 2 and 90 ÷ 74 = 3, then what will be 91 ÷ 53 = ?

(A) 4 (B) 5
(C) 7 (D) 8

28. The equation is written on the basis of a certain system. Find out the correct answer for the unsolved equation on that basis

18 ÷ 2 = 109 and 120 ÷ 40 = 43, then 15 ÷ 3 = ?

(A) 5 (B) 65
(C) 105 (D) 15

29. 2 + 3 = 1
5 + 7 = 23
3 + 9 = 15
4 + 8 = ?

(A) 20 (B) 30
(C) 50 (D) 60

30.

9	4	3
5	?	7
6	8	20
270	224	420

(A) 7 (B) 12
(C) 32 (D) 56

31. If '+' stands for '×' (multiplication), and '–' stands for '+' (addition), and '÷' stands for '–' (subtraction), which of the following is false ?

(A) 6 + 4 ÷ 5 – 5 = 24
(B) 10 – 7 + 3 ÷ 8 = 23
(C) 1 – 9 + 4 ÷ 12 = 25
(D) 3 + 3 ÷ 3 – 3 = 6

32. The number of students in an art class is increasing month after month as follows. Find the number of students in June from the following information.

Month	Jan	Feb	March	April	May	June
No. of students	1	2	4	7	11	?

(A) 13 (B) 14
(C) 15 (D) 16

33. Somu and Raju start at the same time from a point. Somu walks towards north at a speed of 4 km per hour. Raju walks towards east at a speed of 3 km per hour. What is the distance between them after one hour ?

(A) 1 km (B) 7 km
(C) 5 km (D) 12 km

34. Raju moves 40 km north, then he turns right and moves 50 km. Again he turns right and moves 30 km. Finally, he turns right and reaches 50 km. How far is he from the starting point ?

(A) 10 (B) 40
(C) 20 (D) 30

SPACE FOR ROUGH WORK

SSCPORTAL.IN

Downloaded From : http://sscportal.in

Downloaded From : http://sscportal.in

Directions : In Question Nos. **35** to **37**, a statement is given followed by three/four conclusions I, II, III and IV. You have to consider the statement 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. **Statement** : All scientists working in America are talented, some are Indian.

Conclusions :

I. None of the Indian scientists is talented.

II. Some talented Indian scientists have migrated

III. All talented scientists are in America.

IV. Some Indian scientists are talented.

(A) Only conclusion I follows

(B) Only conclusion II follows

(C) Only conclusion III follows

(D) Conclusions II & IV follow

36. **Statement :** All beggars are poor.

Conclusions :

I. If A is a beggar, then A is poor.

II. If A is not rich, then A is a beggar.

III. All those who are poor are beggars.

IV. If A is rich, then A cannot be a beggar.

(A) Only conclusion I follows

(B) Only conclusion II follows

(C) Only conclusion III follows

(D) Only conclusion IV follows

37. **Statement** : The government should ban all forms of protests including strikes and processions.

Conclusions :

I. Yes, this is the only way to teach discipline to the employees.

II. No, Government cannot deprive its citizens of their basic rights.

III. Yes, this is the only way to maximize productivity without disruption of work.

(A) Only conclusion I is strong

(B) Only conclusion II is strong

(C) Only conclusion III is strong

(D) Only conclusions I & III are strong

38. Choose the correct relationship depicting diagram.

Smokers, Lawyers, Non-smokers

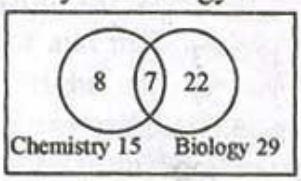
(A)

(B)

(C)

(D)

39. How many students are taking Chemistry or Biology ?



(A) 30 (B) 15

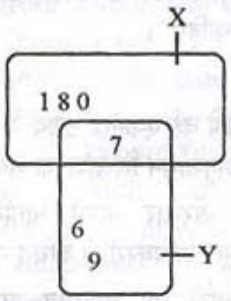
(C) 29 (D) 22

SSCPORTAL.IN

Downloaded From : http://sscportal.in

Downloaded From : http://sscportal.in

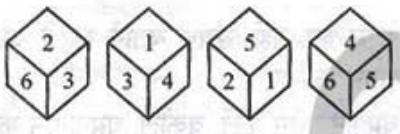
40. Which elements are not part of set X ?



(A) 7 (B) 180

(C) 7, 6 & 9 (D) 6 and 9

41. Four positions of a dice are given below :



Identify the number at the bottom when the top is 3.

(A) 5 (B) 1

(C) 2 (D) 6

42. Which number will appear on the face opposite to 1 ?

(A) 6 (B) 5

(C) 4 (D) 3

Directoin : In Question Nos. **43** & **44**, which answer figure will complete the pattern in the question figure ?

43. **Question Figure :**

Answer Figures :

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

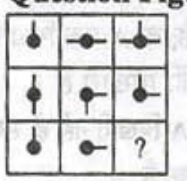
44. **Question Figure :**

Answer Figures :

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

45. Find out the suitable figure from the four alternatives that would complete the figure matrix.

Question Figures :



Answer Figures :

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

SPACE FOR ROUGH WORK

SSCPORTAL.IN

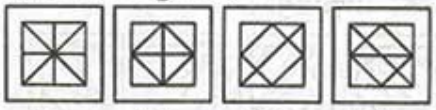
Downloaded From : http://sscportal.in

Downloaded From : http://sscportal.in

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

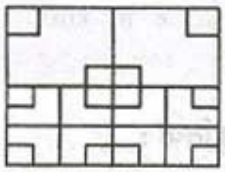
Question Figure :

Answer Figures :



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

47. How many squares are there in this figure ?

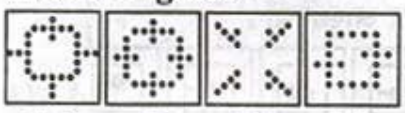


(A) 24 (B) 23
(C) 27 (D) 26

Directions (Qn. Nos. 48 & 49) : A piece of paper is folded and cut as shown below in the question figures. From the given answer figures, indicate how it will appear when opened.

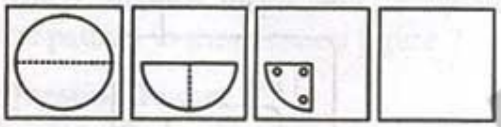
48. **Question Figures :**

Answer Figures :

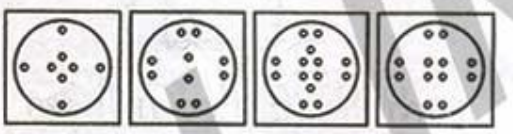


(A) (B) (C) (D)

49. **Question Figures :**



Answer Figures :

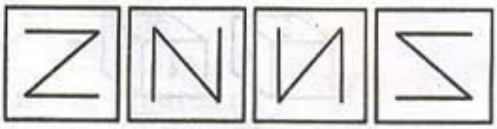


(A) (B) (C) (D)

50. If a mirror is placed on the line XY, then which of the answer figures is the right image of the given figure ?

Question Figure :

Answer Figures :



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

SSCPORTAL.IN

Downloaded From : http://sscportal.in

Downloaded From : http://sscportal.in

PART – II
ENGLISH LANGUAGE

Directions : In Question Nos. **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. I / met Jane / in the way. / No Error
(A) (B) (C) (D)

52. The hospital rules require /
(A)
that every patient /
(B)
should have an attender. / No Error
(C) (D)

53. In our country / Teacher's Day /
(A) (B)
is celebrated on September 5th. /
(C)
No Error
(D)

54. The number of foreign workers /
(A)
that are allowed to enter into /
(B)
Malaysia has increased. / No Error
(C) (D)

55. The children were quarrelling between themselves / when all of a
(A)
sudden it occurred to them that their
(B)
teacher / was watching them. / No Error
(C) (D)

56. The children said / they would starve /
(A) (B)
rather than to surrender. / No Error
(C) (D)

Directions : In Question Nos. **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. Prices _____ during the war.
(A) raise (B) risen
(C) rise (D) raising

58. I shall go and _____ down.
(A) lied (B) lie
(C) lay (D) layed

59. I told him _____ that the assignment would be impossible without more people.
(A) repeatedly (B) repeated
(C) repititive (D) repeating

60. We _____ the picture on the wall.
(A) hung (B) hanged
(C) hang (D) hanging

61. We thought the banner would look better with _____ change in colour combination.
(A) every (B) all
(C) each (D) some

Downloaded From : http://sscportal.in

Downloaded From : http://sscportal.in

Directions : In Question Nos. **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. Sanction
(A) Submission
(B) Commission
(C) Permission
(D) Sacredness

63. Persistent
(A) Transient
(B) Permanent
(C) Fleeting
(D) Ceased

64. Despot
(A) Monarch (B) Tyrant
(C) Ruler (D) Demon

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

65. Former
(A) Later (B) Latter
(C) Informal (D) Latest

66. Imitation
(A) Spurious
(B) Unadulterated
(C) Genuine
(D) Crude

67. Abrupt
(A) Gradual
(B) Hasty
(C) Blunt
(D) Unexpected

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

68. Who would not look blue, having to pay those heavy bills of entertainment every month.
(A) upset (B) enjoy
(C) annoyed (D) sad

69. The step mother shed crocodile tears on the death of her step son.
(A) to cry for no reason
(B) felt sorry for the son
(C) shed tears of blood
(D) false tears of sorrow

70. It was on the tip of my tongue when you also proposed that we should go to the auditorium.
(A) slip of tongue
(B) on lips
(C) about to say
(D) none

71. Kindly tell him by word of mouth that I shall be dining with him tonight.
(A) orally
(B) using gestures
(C) jargons
(D) written

72. Hari was taken to task by the teacher for making a noise in the class.
(A) scolded
(B) rewarded
(C) appreciated
(D) asked to leave

SSCPORTAL.IN

Downloaded From : http://sscportal.in

Downloaded From : http://sscportal.in

Directions : In Question Nos. **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. This house belongs to the Yadavs.
(A) Yadav
(B) Yadav's
(C) Yadavs'
(D) No improvement

74. I am having more than 100 books.
(A) had
(B) have
(C) have had
(D) no improvement

75. Babies like milk, isn't it ?
(A) don't they ?
(B) is it ?
(C) do they ?
(D) no improvement

76. Don't lean against this wall, it would collapse.
(A) must
(B) shall
(C) might
(D) no improvement

77. The police caught the victim red handed.
(A) thief
(B) the prisoner
(C) the thief
(D) no improvement

78. She is enough mature to take her own decisions.
(A) old enough
(B) enough old
(C) enough
(D) no improvement

79. She is happiest of all.
(A) more happier than all.
(B) the happiest of all.
(C) most happiest of all.
(D) no improvement.

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

80. An instrument used to see distant objects
(A) Periscope
(B) Microscope
(C) Bioscope
(D) Telescope

81. One who knows or sees everything
(A) Omnipotent
(B) Omniscient
(C) Omnipresent
(D) Omniferous

82. That which cannot be read
(A) Illegitimate (B) Illegible
(C) Illiberal (D) Illicit

83. One who makes an official examination of accounts
(A) Clerk
(B) Accountant
(C) Auditor
(D) Boss

SSCPORTAL.IN

Downloaded From : http://sscportal.in

Downloaded From : http://sscportal.in

Directions : In Question Nos. **84** & **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) Aligne (B) Allign
(C) Align (D) Alaign

85. (A) Lovely (B) Loveley
(C) Lavely (D) Luvely

Directions : In Question Nos. **86** to **100**, you have following two brief passages with 10 questions in passage-1 and 5 questions in passage-II. Read the passages carefully and fill in the blanks with suitable words out of the four alternatives.

PASSAGE – I

The Princely State of Mysore **86**, a niche for itself in **87** its unique cultural heritage and **88** its territories from invasions. It **89** the arena of many wars **90** victories, rise and fall of **91**, patronised religion and philosophy, thrived **92** fine arts and architecture. The **93** capitals shifted with the change **94** kingdoms. This is the vibrant **95** vivacious history of Mysore.

86. (A) carved
(B) has carved
(C) would carve
(D) have carved

87. (A) promoting (B) exalting
(C) having (D) winning

88. (A) supporting (B) helping
(C) preventing (D) defending

89. (A) be (B) is
(C) was (D) were

90. (A) as well as (B) and
(C) yet (D) but also

91. (A) dynasties (B) empires
(C) states (D) territories

92. (A) on (B) of
(C) in (D) to

93. (A) state (B) kingdom
(C) dynasty (D) empire

94. (A) in (B) for
(C) to (D) of

95. (A) or (B) but
(C) and (D) otherwise

PASSAGE – II

A desert is a **96** of a place which has almost **97** water and only **98** little life on it **99** plants, animals and human beings need water **100** live.

96. (A) variety (B) place
(C) kind (D) land

97. (A) lot of (B) no
(C) little (D) many

98. (A) quite (B) no
(C) very (D) much

99. (A) because (B) though
(C) when (D) why

100. (A) for (B) to
(C) in (D) on

SSCPORTAL.IN

Downloaded From : http://sscportal.in

Downloaded From : http://sscportal.in

PART – III
QUANTITATIVE APTITUDE

101. The square root of $\left(\frac{1}{4}\right) \times \left(\frac{1}{49}\right) \div \left(\frac{25}{121}\right)$ is

(A) $\frac{11}{5}$ (B) $\frac{11}{70}$

(C) $\frac{7}{11}$ (D) $\frac{11}{7}$

102. The number of perfect cubes between 1 and 1000009 which are exactly divisible by 9 is

(A) 33 (B) 101

(C) 35 (D) 99

103. The value of $\frac{(0.96)^3 - (0.1)^3}{(0.96)^2 + (0.096) + 0.01}$ is

(A) 0.86 (B) 1.06

(C) 0.95 (D) 0.97

104. If 3 men or 4 women can build a wall in 43 days, in how many days can 7 men and 5 women build this wall ?

(A) 16 days (B) 25 days

(C) 21 days (D) 12 days

105. A can do a piece of work in 10 days and B in 20 days. They begin together but A leaves 2 days before the completion of the work. The whole work will be done in

(A) 8 days (B) $7\frac{2}{3}$ days

(C) 7 days (D) 6 days

106. The marked price of an article is 20% higher than the cost price. A discount of 20% is given on the marked price. By this the seller

(A) gains 4%

(B) loses 4%

(C) bears no gain, no loss

(D) loses 20%

107. A fan is listed at ₹ 750 with a discount of 20%, what additional discount must be offered to the customer to bring the net price to ₹ 540 ?

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

(C) 11 % (D) 8 %

108. If a commission of 10% is given on the marked price of an article, then the gain is 20%. If the commission is increased to 20%, then the gain percent is

(A) 10 % (B) $16\frac{2}{3}$ %

(C) $8\frac{2}{3}$ % (D) $6\frac{2}{3}$ %

109. Ratio of syrup and water in a sweet drink contained in bottle is 7 : 5. What part of the drink is to be taken out and replaced by water so that in the new mixture, syrup and water are in equal proportion ?

(A) $\frac{1}{3}$ (B) $\frac{1}{5}$

(C) $\frac{1}{6}$ (D) $\frac{1}{7}$

110. A mixture of certain quantity of milk with 16 L of water is worth 90 paise per litre. If pure milk costs 108 paise per litre, then the amount of milk in the mixture is

(A) 70 L (B) 80 L

(C) 60 L (D) 50 L

SSCPORTAL.IN

Downloaded From : http://sscportal.in

Downloaded From : http://sscportal.in

111. The ratio in which a 30% alcohol solution should be mixed with another 50% solution in order to get a 42% solution is

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

112. The average age of a class is 35 years. 6 new students with an average age of 33 years joined in that class, thereby decreasing the average by $\frac{1}{2}$ year. The original strength of the class was.

(A) 16 (B) 18
(C) 15 (D) 20

113. In an examination, the average marks obtained by students who passed was x%, while the average of those who failed was y%. The average marks of all students taking the exam was z%. Find in terms of x, y & z the percentage of students taking the exam who failed.

(A) $\frac{z-x}{y-x}$ (B) $\frac{x-z}{y-z}$
(C) $\frac{y-x}{z-y}$ (D) $\frac{y-z}{x-z}$

114. Find average of all prime numbers between 60 and 90.

(A) 74.85 (B) 75.05
(C) 73.15 (D) 76.85

115. By selling a cell phone for ₹ 2,400, a shopkeeper made a profit of 25%. Then his profit % if he had sold it for ₹ 2040 is

(A) 10% (B) 6.25%
(C) 6.5% (D) 15%

116. If the cost price of 23 toys is equal to selling price of 20 toys, then the gain (or) loss percent is

(A) 12 (B) 14
(C) 15 (D) $12\frac{1}{2}$

117. A dealer bought 80 cricket bats for ₹ 50 each. He sells 20 of them at a gain of 5%. What must be the gain % of the remaining bats, so as to get 10% gain on the whole ?

(A) $3\frac{2}{11}$% (B) $12\frac{1}{2}$%
(C) $11\frac{2}{3}$% (D) ₹ 3,350

118. In a particular constituency, 75% of voters cast their votes, out of which 2% were rejected. The winning candidate received 75% of the valid votes and bagged a total of 9,261 votes. The total number of voters in the constituency is

(A) 14,500 (B) 18,900
(C) 16,800 (D) 24,000

119. If A's income is $\frac{5}{6}^{th}$ of B's income, then B's income is more than A's income by

(A) $\frac{25}{2}$% (B) 15%
(C) 20% (D) 22%

120. The ratio between the speeds of two trains is 8 : 9. Second train covers 360 km in 4 hours. Distance covered by 1st train in 3 hours is (in km)

(A) 240 (B) 480
(C) 120 (D) 60

SSCPORTAL.IN

Downloaded From : http://sscportal.in

Downloaded From : http://sscportal.in

121. A train A is 180 m long, while another train B is 240 m long. A has a speed of 30 km per hour and B's speed is 40 km per hour. If the trains move in opposite directions, find when will A pass B completely ?
(A) 21 seconds (B) 21.6 seconds
(C) 26.1 seconds (D) 26 seconds

122. If the difference between the compound interest and the simple interest on a certain sum for 2 years at 8% p.a. is ₹ 32, then the sum is
(A) ₹ 5,000 (B) ₹ 5,500
(C) ₹ 6,000 (D) ₹ 5,250

123. A sum amounts to ₹ 2,916 in 2 years and ₹ 3149.28 in 3 years at compound interest. The sum is
(A) ₹ 1,500 (B) ₹ 2,500
(C) ₹ 2,000 (D) ₹ 3,000

124. The base of a right prism is a right angled isosceles triangle whose hypotenuse is a cm. If the height of the prism is h cm, then its volume is
(A) $\frac{a^2h}{4}$ cm^3 (B) $\frac{a^2h}{6}$ cm^3
(C) $\frac{a^2h}{8}$ cm^3 (D) $\frac{a^2h}{12}$ cm^3

125. The area of a sector of a circle is 77 sq. cm. and the angle of the sector is 45°. Find the radius of the circle.
(A) 7 cm (B) 14 cm
(C) 21 cm (D) 28 cm

126. A sphere and a hemisphere have the same surface area. The ratio of their volumes is
(A) $\frac{\sqrt{3}}{4}$: 1 (B) $\frac{3\sqrt{3}}{4}$: 1
(C) $\frac{\sqrt{3}}{8}$: 1 (D) $\frac{3\sqrt{3}}{8}$: 1

127. The slant height of a conical mountain is 2.5 km. The area of the base of the mountain is $\frac{49}{100}\pi$ sq. km. Then the height of the mountain is
(A) 1.7 km (B) 1.9 km
(C) 2.1 km (D) 2.4 km

128. The parallel sides of a trapezium are in a ratio 3 : 4 and their shortest distance is 8 cm. One of the other two sides is perpendicular to the parallel sides. If the area of the trapezium is 168 sq cm, the length of the longer non-parallel side is
(A) 10 cm (B) 11.2 cm
(C) 11.8 cm (D) 12.4 cm

129. If the area of a semicircle be 77 sq. m., find its perimeter.
(A) 36 m. (B) 42 m.
(C) 48 m. (D) 54 m.

130. If the graph of the equation $2x + 3y = 6$ form a triangle with co-ordinates axes, then the area of triangle will be
(A) 2 sq. unit (B) 3 sq. unit
(C) 6 sq. unit (D) 1 sq. unit

131. If $x = \frac{\sqrt{3}+1}{\sqrt{3}-1}$ and $y = \frac{\sqrt{3}-1}{\sqrt{3}+1}$, then the value of $\frac{x^2}{y} + \frac{y^2}{x}$ is
(A) 52 (B) 76
(C) 4 (D) 64

132. If $x + y = 1$, then the value of $(x^3 + y^3 + 3xy)$ is
(A) –2 (B) 1
(C) 2 (D) 3

SSCPORTAL.IN

Downloaded From : http://sscportal.in

Downloaded From : http://sscportal.in

133. If $a = (\sqrt{2} - 1)^{\frac{1}{3}}$, then the value of $(a - a^{-1})^3 + 3(a - a^{-1})$ is

(A) -2 (B) 2

(C) $2\sqrt{2}$ (D) $\sqrt{2}$

134. If one angle of a triangle is equal to the sum of the other two angles, then the triangle is

(A) Isosceles

(B) Obtuse-angled

(C) Acute-angled

(D) Right-angled

135. O is the circumcentre of the triangle ABC. If $\angle BAC = 50°$, then $\angle OBC$ is

(A) $30°$ (B) $60°$

(C) $40°$ (D) $50°$

136. PQRS is a cyclic quadrilateral and PQ is the diameter of the circle. If $\angle QPR = 45°$, then the value of $\angle PSR$ is equal to

(A) $125°$ (B) $135°$

(C) $45°$ (D) $90°$

137. O is the orthocentre of a triangle ABC. If $\angle BAC = 50°$, then $\angle BOC$ is equal to

(A) $50°$ (B) $90°$

(C) $130°$ (D) $140°$

138. If $\sin\theta - \cos\theta = 0$, find the value of $\sin\left(\frac{\pi}{2} - \theta\right) + \cos\left(\frac{\pi}{2} - \theta\right)$.

(A) 0 (B) 1

(C) $\sqrt{2}$ (D) $2\sqrt{2}$

139. If $\sec\theta + \tan\theta = p$, then $\sin\theta$ is

(A) $\frac{1}{p^2 + 1}$ (B) $\frac{1}{p^2 - 1}$

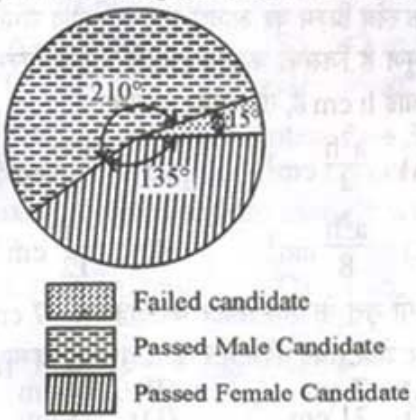
(C) $\frac{p^2 + 1}{p^2 - 1}$ (D) $\frac{p^2 - 1}{p^2 + 1}$

140. If the angle of elevation of the sun is $60°$, then the ratio of the height of a wall and its shadow is

(A) $1 : \sqrt{3}$ (B) $\sqrt{3} : 1$

(C) $\sqrt{2} : 3$ (D) $\sqrt{3} : \sqrt{2}$

Directions : The following pie-diagram shows the analysis of the result of an examination in which 5 candidates have failed. Study the diagram and answer the Questions No. **141** to **145**.



141. The total number of examinees was

(A) 100 (B) 120

(C) 135 (D) 150

142. The number of passed male examinees is

(A) 80 (B) 75

(C) 70 (D) 60

SSCPORTAL.IN

Downloaded From : http://sscportal.in

Downloaded From : http://sscportal.in

143. Percentage of passed female candidates with respect to total examinees is

(A) 30% (B) 37.5%
(C) 40% (D) 45%

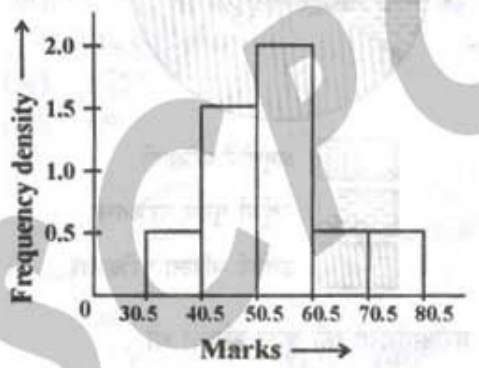
144. Percentage of passed male candidates of total passed candidates is

(A) 60.8% (B) 56%
(C) 71% (D) 58%

145. Ratio of passed male candidates to the successful female candidates is

(A) 9 : 1 (B) 1 : 14
(C) 14 : 9 (D) 9 : 14

Directions : The following histogram shows the distribution of marks of 50 students in a college. Study the graph and answer the Question Nos. **146** to **150.**



146. The number of students whose marks lie between 40 and 50 is

(A) 15
(B) 10
(C) 5
(D) None of these

147. The class in which the marks of maximum number of students lies is

(A) 40.5 – 50.5
(B) 50.5 – 60.5
(C) 60.5 – 70.5
(D) 70.5 – 80.5

148. The percentage of the students whose marks lie between 40 and 60 is

(A) 60
(B) 70
(C) 75
(D) None of these

149. A student is marked as 'qualified' if he obtain marks above 40. Here the ratio of the number of qualified students to those who are not qualified is

(A) 6 : 1
(B) 7 : 1
(C) 8 : 1
(D) 9 : 1

150. The average marks of the students is

(A) 43.5
(B) 44.5
(C) 45.5
(D) 50.5

SSCPORTAL.IN

Downloaded From : http://sscportal.in

Downloaded From : http://sscportal.in

PART – IV
GENERAL AWARENESS

151. Plant and machinery are
(A) Producers' goods
(B) Consumers' goods
(C) Distributors' goods
(D) Free goods

152. Which one of the following is not a dimension of human development index ?
(A) Life expectancy
(B) Knowledge
(C) Social status
(D) Standard of living

153. Which one of the following is not included in current revenue of the Union Government ?
(A) Tax revenue
(B) Non-tax revenue
(C) Loans
(D) Interest payments

154. Demand for complementary goods is known as
(A) Joint demand
(B) Derived demand
(C) Direct demand
(D) Cross demand

155. Who has given a call "Go back to nature" ?
(A) Plato (B) Aristotle
(C) Rousseau (D) Hobbes

156. Which of the following is not a feature of Indian Constitution ?
(A) Parliamentary form of Government
(B) Independence of Judiciary
(C) Presidential form of Government
(D) Federal Government

157. Panchayati Raj system is based on the principle of
(A) Centralisation
(B) Decentralisation
(C) Both of these
(D) None of these

158. Who Chairs the Joint Session of the two Houses of Parliament ?
(A) President
(B) Vice-President
(C) Speaker of Lok Sabha
(D) Prime Minister

159. A bill is a 'Money Bill' or not will be decided by
(A) Finance Minister
(B) President
(C) Chairman of Rajya Sabha
(D) Speaker of Lok Sabha

160. Writs are issued by
(A) Supreme Court
(B) High Courts
(C) The President
(D) Supreme Court and High Courts

161. Which one of the following Vedas contains sacrificial formulae ?
(A) Sama Veda
(B) Rig Veda
(C) Yajur Veda
(D) Atharva Veda

162. When did the best productions of Gandhara sculpture appear ?
(A) Mauryan period
(B) Kushan period
(C) Gupta period
(D) Harsha period

SSCPORTAL.IN

Downloaded From : http://sscportal.in

Downloaded From : http://sscportal.in

163. The seashore temple at Mahabalipuram was built by
(A) Mahendra Varman I
(B) Narasimha Varman I
(C) Nandi Varman II
(D) Dandi Varman

164. Who got the Gita translated into Persian ?
(A) Shah Jahan
(B) Akbar
(C) Murad
(D) Dara Shikoh

165. The Portuguese Governor who abolished Sati in Goa was
(A) Albuquerque
(B) Cabral
(C) Almeida
(D) De Braganza

166. The southernmost point of India is
(A) Kanyakumari
(B) Rameswaram
(C) Dhanushkodi
(D) Indira Point

167. The Strait that connects Red Sea and Mediterranean Sea is
(A) Panama Strait
(B) Suez Strait
(C) Palk Strait
(D) Bering Strait

168. The northern part of the west coast is known as
(A) Coromandal coast
(B) Malabar coast
(C) Konkan coast
(D) Northern circars

169. Which one of the following is known as the 'Laughing Jack' of Australia ?
(A) Platypus (B) Kookabara
(C) Koala (D) Lyre bird

170. The significant quantity of upper soil is formed by
(A) Igneous rock
(B) Sedimentary rock
(C) Metamorphic rock
(D) Biological degradation

171. Who coined the term 'gene' ?
(A) Mendel
(B) Johannsen
(C) Watson
(D) Beadle

172. Saprophytes are the organisms which depend for food on
(A) living plants
(B) living animals
(C) dead and decaying material
(D) inorganic chemical compounds

173. RBCs do not perform aerobic respiration because these do not contain
(A) Mitochondria
(B) Nucleus
(C) Endoplasmic Reticulum
(D) Lysosomes

174. A cross between homozygous recessive and heterozygous plant is
(A) Back cross
(B) Test cross
(C) Monohybrid cross
(D) Dihybrid cross

175. DNA contains
(A) Pentose sugar
(B) Hexose sugar
(C) Erythrose sugar
(D) Sedoheptulose sugar

SSCPORTAL.IN

Downloaded From : http://sscportal.in

Downloaded From : http://sscportal.in

176. The most abundant enzyme in the living world is

(A) Rubisco (B) Invertase

(C) DNAse (D) Zymase

177. X-rays region lies between

(A) Ultraviolet and visible region

(B) Visible and infra-red region

(C) Gamma-rays and ultraviolet region

(D) Short radio waves and long radio waves

178. A star appears twinkling in the sky because of

(A) scattering of light by atmosphere

(B) reflection of light by atmosphere

(C) refraction of light by atmosphere

(D) diffraction of light by atmosphere

179. Materials for rain proof coats and tents owe their water proof properties to

(A) Surface tension

(B) Viscosity

(C) Specific gravity

(D) Elasticity

180. Icons are _____ commands.

(A) typed (B) verbal

(C) picture (D) imaginary

181. Which one of the following is an MS-DOS external command ?

(A) DIR (B) COPY

(C) FORMAT (D) PROMPT

182. An address consists of _____.

(A) an offset

(B) a base register

(C) an index register

(D) all the above

183. Philosopher's Wool is

(A) Zinc carbonate

(B) Zinc sulphate

(C) Zinc oxide

(D) Zinc blende

184. Synthetic detergents are made from

(A) Sodium stearate

(B) Sodium salt of benzene sulphonic acid

(C) Sodium salt of benzene carboxylic acid

(D) Sodium palmitate

185. In its reaction with silver nitrate, C_2H_2 shows

(A) Oxidising property

(B) Reducing property

(C) Basic property

(D) Acidic property

186. The main source of carbon monoxide is

(A) Industrial process

(B) Fuel combustion

(C) Transportation

(D) Solid waste disposal

187. 'Aerosol' is

(A) Suspended solid particles in air

(B) Pollutant gas, present in air

(C) Microbes, present in air

(D) Green house gas present in air

SSCPORTAL.IN

Downloaded From : http://sscportal.in

Downloaded From : http://sscportal.in

188. The sewage obtained from water closets and urinals is known as
(A) Sanitary waste
(B) Industrial waste
(C) Garbage
(D) Sullage

189. Maximum permissible concentration of total hardness in drinking water is
(A) 50 (B) 100
(C) 200 (D) 500

190. Mycobacterium leprae is a
(A) Bacillus (B) Coccus
(C) Spiral (D) Spore

191. Before Dr. Manmohan Singh's recent visit to Myanmar, the Indian Prime Minister who visited that country was
(A) P.V. Narasimha Rao
(B) Rajiv Gandhi
(C) Atal Bihari Vajpayee
(D) H.D. Deva Gowda

192. Who is the Chief Election Commissioner of India ?
(A) T.S. Krishnamurti
(B) S.Y. Queraishi
(C) V.S. Sampath
(D) T.N. Seshan

193. Which one of the following States in India never had a woman Chief Minister ?
(A) Andhra Pradesh
(B) Bihar
(C) Uttar Pradesh
(D) West Bengal

194. Where is the headquarters of INTERPOL ?
(A) Paris (B) London
(C) Lyons (D) Geneva

195. How many outstanding cricket players have been awarded the Rajiv Gandhi Khel Ratna Award so far ?
(A) Nil (B) One only
(C) Two (2) (D) Five (5)

196. Which one of the following depicts the correct chronological order in which the four major Lawn Tennis Tournaments are conducted annually ?
(A) Australian Open – French Open – U.S. Open – Wimbledon
(B) French Open – Australian Open – Wimbledon – U.S. Open
(C) Australian Open – French Open – Wimbledon – U.S. Open
(D) Wimbledon – Australian Open – French Open – U.S. Open

197. Which one of the following monuments in Delhi is not included as a World Heritage Site ?
(A) Red Fort
(B) Humayun's Tomb
(C) Qutab Minar
(D) Jantar Mantar

198. Which is the largest State (area-wise) in India ?
(A) Madhya Pradesh
(B) Rajasthan
(C) Maharashtra
(D) Andhra Pradesh

199. Who is the Chairman of the Prime Minister's Economic Advisory Council ?
(A) Dr. Manmohan Singh
(B) Dr. C. Rangarajan
(C) D. Subba Rao
(D) Dr. M.S. Swaminathan

200. Which was the latest country to be admitted as a new member State of U.N. ?
(A) Switzerland
(B) East Timor
(C) South Sudan
(D) Montenegro

SSCPORTAL.IN

Downloaded From : http://sscportal.in

ø Click Here For Study kit For SSC CGL Examinations

☞ http://sscportal.in/community/study-kit/cgl

Ø Click Here Fro Study Kit For SSS CGL Tier – II Examinations

☞ http://sscportal.in/community/study-kit/cgl-tier-2

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

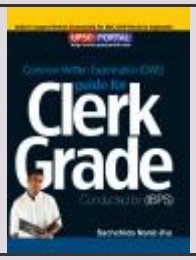
☞ http://sscportal.in/community/study-kit/chsle

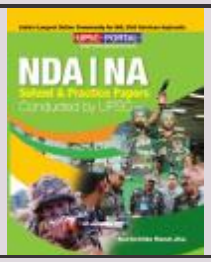
Ø Click Here For Study Kit For FCI Examinations

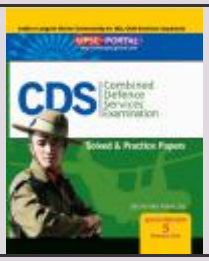
☞ http://sscportal.in/community/study-kit/fci

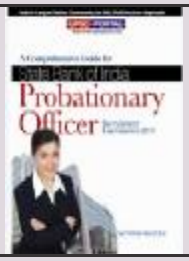
KALINJAR PUBLICATIONS

Other Important Books of Your Interest









Also available at: http://www.flipkart.com/view-books/l100/

Helpline No. 011-4515178, 65196422

Buy Online at: http://www.upscportal.com/civilservices/books