DO NOT OPEN THE POLYTHENE BAG/SEAL OF	THE BOOKLET UNTIL YOU ARE TOLD TO DO SO
Test Form No.	2014 AE-
Time Allowed : 2 Hours (For V.H. Candidates and Candida	ates Suffering from Cerebral palsy : 2 hrs. 40 Min.) Maximum Marks : 200
निर्धारित समय : 2 घण्टे (दृष्टिबाधित एवं सेरिब्रल पाल्सी उम्मी	ोदवारों के लिए : 2 घण्टे 40 मिनट) अधिकतम अंक : 200
This Booklet contains questions in E प्रश्नों के उत्तर देने से पहले निम्नलि	before you begin to answer the questions. English as well as in Hindi Language. खित अनुदेशों को ध्यान से पढ़ लें । हिन्दी दोनों भाषा में दिये गये हैं ।
INSTRUCTIONS TO CANDIDATES           1. This Booklet contains 200 questions in all comprising the following four parts :           Part-1 :         General Intelligence         (50 Questions)           Part-II :         English Language         (50 Questions)           Part-II :         Quantitative Aptitude         (50 Questions)	उम्मीदवारों के लिए अनुदेश 1. इस पुस्तिका में कुल 200 प्रश्न हैं. जिनमें निम्नलिखित चार भाग शामिल हैं : भाग-1 : सामान्य बुद्धिमत्तां (50 प्रश्न) भाग-11 : अंग्रेनी भाषा (50 प्रश्न) भाग-111 : संख्यात्मक अभिरुचि (50 प्रश्न)
<ul> <li>Part-IV: General Awareness (50 Questions)</li> <li>In questions set bilingually in English and Hindi language, in case of discrepancy, the English version will prevail.</li> <li>All questions are compulsory and carry equal marks.</li> </ul>	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 वरावर अंक हैं ।
<ol> <li>The paper carries negative marking. 0.25 marks will be deducted for each wrong answer.</li> <li>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</li> </ol>	<ol> <li>प्रश्न पत्र में नकारात्मक अंकन होगा । हर गलत उत्तर केलिए 0.25 अंक काटा जाएगा ।</li> <li>प्रश्नों के उत्तर देने से पहले आप इस पुस्तिका की जाँच करके देख लें कि इसमें पूरे पृष्ठ (1-32) हैं तथा कोई पृष्ठ कम या दुवारा तो नहीं आगया है । यदि आप इस पुस्तिका में कोई त्रुटि पायें, तो तत्काल इसके बदले दूसरी पुस्तिका ले लें ।</li> </ol>
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. / Cerebral palsy candidates must put their left-hand thumb impression at the space provided in the Answer-Sheet. Those V.H. / Cerebral palsy candidates who can sign should also put their signatures in addition to thumb impression.)	6. निर्गक्षकद्वारा आपको उत्तर-पत्रिका अलग से दीजयिंगी । उत्तर-पत्रिका कSide-I मेनियमावली 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 वायें हाथ के अंगूटेका निशान भी अवश्य लगाएँ । उपर्युक्त अनुदेशों को पूरी तरह अनुपालन किया जाए. अन्यथा आपकी उत्तर-पत्रिका का जाँचा नहीं जाएगा और ' शून्य' अंक दिया जाएगा । (दृष्टिवाधित / सेरिव्रल पाल्सी उम्मीदवार सुनिश्चित्र करें कि यह विवरण लिपिक द्वारा भरा जाए । परन्तु सभी दृष्टिवाधित/ सेरिव्रल पाल्सी उम्मीदवार सुनिश्चित्र करें कि यह विवरण लिपिक द्वारा भरा जाए । परन्तु सभी दृष्टिवाधित/ सेरिव्रल पाल्सी उम्मीदवार उत्तर-पत्रिका में निर्धारित स्थान पर अपने वाएँ हाथ के अंगूठे का निशान पर अपने वाएँ हाथ के अंगूटे का निशान अवश्य लगाएँ । वा दृष्टिवाधित/ सेरिव्रल पाल्सी उम्मीदवार सुनिश्चित करें कि यह विवरण लिपिक द्वारा भरा जाए । परन्तु सभी दृष्टिवाधित/ सेरिव्रल पाल्सी उम्मीदवार सुनिश्चित करें कि यह विवरण लिपिक द्वारा क्र के से निर्धारित स्थान पर अपने वाएँ हाथ के अंगूठे का निशान अवश्य कर से करे हैं, वे अंगूठे के निशान के अलावा अपने हस्ताक्षर कर से करे हैं, वे अंगूठे के निशान के अलावा अपने हस्ताक्षर भी कर दें ।
<ol> <li>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.</li> </ol>	<ol> <li>उत्तर-पत्रिका में सभी उत्तर Side-II में प्रश्न संख्या के सामने दिये गये सम्वन्धित अण्डाकार खानों को केवल कालो/नीले चॉल-पॉइंट पेन से पूरी तरह काला करके दिखाएँ । जो अण्डाकार खाने काले. नीले चॉल-पॉइंट पेन से नहीं भर जाएँगे, उनके लिए कोई अंक नहीं दिया जाएगा ।</li> </ol>
<ol> <li>A machine will read the coded information in the OMR Answer-Sheet. In case the information is incomplete/different from the information given in the application form, such candidate will be awarded 'ZERO' mark.</li> <li>The Answer-Sheet must be handed over to the Invigilator before you leave</li> </ol>	<ol> <li>ओ.एम. आर. उत्तर-पत्रिका में भरी गई कूट सूचना को एक मशीन पढेगी । यदि सूचना अपूर्ण है अथवा आवेदन प्रपत्र में दी गई सूचना से भिन्न है. तो ऐसे अभ्यर्थी को 'शून्य' अंक दिया</li> </ol>
the Examination-Hall. 10. Failure to comply with any of the above instructions will render a	जाएगा । 9. परीक्षा-भवन छोड़ने से पहले परीक्षार्थी को उत्तर-पत्रिका निरीक्षक के हवाले कर देनी चाहिए ।
<ul> <li>candidate liable to such action / penalty as may be deemed fit.</li> <li>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 the full before activity in the working the mean fill.</li> </ul>	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 ।
<ol> <li>read carefully before actually answering the questions.</li> <li>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.</li> </ol>	11. विभिन्न प्रश्नों के उत्तर देने की विधि इस पुस्तिका के पीछे (पृण्ट संख्या 32) में छपे हुए निदेशों में दे दी गई है: इस 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
<ol> <li>In lieu of Question Nos. 42 to 50 and 142 to 150, relating to figural portions, alternate questions have been provided to be attempted by V.H. candidates only.</li> </ol>	कटिन हैं । किसी एक प्रश्न पर बहुत अधिक समय न लगाएँ । 13. आकृति से सम्बन्धित प्रश्न संख्या 42 से 50 एवं 142 से 150 के वदले में केवल ट्रीप्टवाधित
14. No rough work is to be done on the Answer-Sheet. Space for rough work has been provided below the questions in Part I and Part III of this Booklet.	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 भाग। और भाग।।। में प्रश्नों के नीचे दिया गया है ।
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."	15. "परीक्षा हालों/कमरों में मोबाइल फोन तथा बेतार संचार साधन पूरी तरह निषिद्ध हैं। उम्मीदवारों को उनके अपने हित में सलाह दी जाती है कि मोबाइल फोन/किसी अन्य बेतार संचार साधन को स्विच ऑफकरके 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/पॉलीथीन बैग तब तक न खोलें जब तक कहा न जाए

	Part – I GENERAL INTEI		ENCE
ections : In Question Nos. odd number/letters/number given alternatives.	1 to 7, find pair from	Direc choos	etions : In Que se the correct ones that will c
(A) GHI (B) P (C) UVW (D) A	ABC	11.	1. A, C, E 3. G, I, K
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	5, 3, 4 23, 4, 5.		(A) L, J, H (C) H, J, L
(A) 725 (B) 840 (C) 6 (A) 64 - 36 (B) 7	32 (D) 475 - 75 - 35 39 - 61	12.	KKMLLNMM (A) PQ
(A) Orange (B) A (C) Lemon (D) O		13.	<ul> <li>(C) QV,</li> <li>30, 24, 19, 15,</li> <li>(A) 6</li> </ul>
(C) NASA	NAM	2	(C) 10
	Platinum	14.	2, 7, 17, 32, 52, (A) 107
In the following question skipped between by for particular rule. Which following series observes	ollowing a of the	15.	(C) 101 30, 28, 23, 21, ° (A) 15
	ACFHJ	16.	(C) 18 Select the odd
would be a meaningful c following words?	order of the		<ul><li>(A) Compress</li><li>(C) Concise</li></ul>
1.         Type         2.           3.         Open         4.	Print Save	17.	Which one is a

the given letter series shall complete it?

Gab & b abc ( ca b

- (A) accbb (B) abcca (C) cacab
  - (D) abacb

1 34

### SPACE FOR ROUGH WORK

(B) 5, 2, 1, 4, 3

(D) 2, 1, 3, 4, 5

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Dire the o the g

1.

2.

(C) 333 53.04.	(2) -9, 1, 9
(A) 725 (B) 840	(C) 632 (D) 475
(A) 64 – 36 (C) 57 – 43	(B) 75-35 (D) 39-61
<ul><li>(A) Orange</li><li>(C) Lemon</li></ul>	(B) Apple (D) Grapes
(A) NOTA (C) NASA	(B) NATO (D) NAM
(A) Diamond (C) Silver	(B) Gold (D) Platinum
skipped between particular rule.	by following a Which of the
	<ul> <li>(A) 725 (B) 840</li> <li>(A) 64 - 36</li> <li>(C) 57 - 43</li> <li>(A) Orange</li> <li>(C) Lemon</li> <li>(A) NOTA</li> <li>(C) NASA</li> <li>(A) Diamond</li> <li>(C) Silver</li> <li>In the following question of the series observes obser</li></ul>

9.

1. Type	2.	Print
3. Open	4.	Save
5. Close (A) $3, 4, 1, 2, 5$ (C) $3, 1, 4, 2, 5$		3, 5, 4, 2, 1 3, 2, 1, 4, 5

- 10. Which one of the given responses would be a meaningful order of the following words?
  - Evaluation 1.
  - Presentation 2.
  - 3. Recap
  - 4. Aim announcement

Motivation 5. (A) 1, 2, 5, 3, 4

5, 4, 2, 3, 1

Question Nos. 11 to 15, rrect alternative from the will complete the series.

2. B. D. F

11.	$\begin{array}{c} 1.  \mathbf{A}, \mathbf{C}, \mathbf{E} \\ 2  \mathbf{C}  \mathbf{L} \\ \end{array}$	2. D, D, I
	3. G, I, K	4. ?
	(A) L, J, H	(B) Z, Y, X
	(C) H, J, L	(D) K, L, M
12.	KKMLLNMMON	NPOOQP ?
	(A) PQ	(B) ST
	(C) QV,	(D) PR
13.	30, 24, 19, 15, 12,	?
	(A) 6	<b>(B)</b> 8
	(C) 10	(D) 11
14.	2, 7, 17, 32, 52, 77	1, ?.
	(A) 107	(B) 91
K	(C) 101	(D) 92
15.	30, 28, 23, 21, ?	
nnitan	(A) 15	(B) 16
	(C) 18	(D) 20
16.	Select the odd wo	rd ·
10.	(A) Compress	
	(C) Concise	(D) Convert
	(0) contrast	()) contract
17.		ferent from the rest
	three ?	
	(A) Polar Bear	(B) Penguin
	(C) Seal	(D) Tiger
18.	Which one set	of letters when
		ed at the gaps in
		eries shall complete

- 19. If DEVELOPMENT is written as 45853106572, how ENVELOPE can be written in that code ? \$ 53 '
  (A) 57851305 (B) 57853105 (C) 57835105 (D) 57850135
- 20. If MARCH is coded as PXUZK, what will be the code of APRIL ?(A) DMUFO (B) DSULO
  - (C) ZKIRO (D) ZKRIO
- 21. If A denotes +, B-denotes and C denotes ×, then
  (10 C 4) A (4 C 4) B 6 = ?
  (A) 46 (B) 50 (C) 55 (D) 58
- 22. What sign should be changed to make the equation  $5 + 6/3 12 \times 2 = 17$  correct ?

 $(B) + \times$ 

(B) TEAR (D) RACE

(D) None of these

- (A) + (C) -+·
- 23. If 10 boys walk 10 km in 10 days, then how many days it will take for 3 boys to walk 10 km?
  (A) 1 (B) 3 (C) 6 (D) = 10
- 24. In a zoo, there are Rabbits and Pigeons. If heads are counted, there are 200 and if legs are counted, there are 580. How many pigeons are there ?
  (A) 90 (B) 100 (C) 110 (D) 120
- 25. From the given alternatives, select the word which cannot be formed using the letters of the given word : FRAGMENT

(A) RAGE(C) MEAN

. .

26. Ram and Shyam started from a fixed place. Ram moves 3 km to the North and turns right, then walks 4 km. Shyam moves towards West and walks 5 km, then turns to right and walks 3 km. How far Ram is from Shyam ?

(A) 13 km (B) 16 km (D) 10 km

**Directions :** In Question Nos. 27 to 29, select the missing number from the given responses.

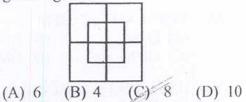
27.	5	4.	3	8	9	4	
			24			-	
	(A)	36	(B) 1	17 (C	) 52	(D)	26
28.	9	30	21				ż
		?		1			
	12	40	28				
3	(A)	20	(B) 3.	3 (C)	37	(D)	70
29.	28	4	25	5	?	3	
	7	11	5	10	8	11	
	(A) 2	22	(B) 2	4 (C)	25	(D)	28

SPACE FOR RQUGH WORK

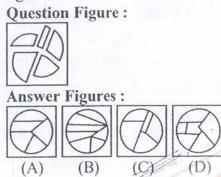
<ul> <li>30. Which one is true ?</li> <li>1. All players are not tall.</li> <li>2. All basketball players are tall.</li> <li>3. All tall people are players.</li> </ul>	<b>Directions :</b> In Question Nos. 33 to 39, select the related letter/word/number from the given alternatives.		
4. Some players are tall. (A) 4 (B) 3 (C) 2 (D) 1	33. VZS : EAH : : ? : JFM (A) QSM (B) NUQ (C) QUN (D) QNU		
<b>31.</b> One Statement is given followed by two Assumptions, I and II. You have to consider the statement to be true, even if it seems to be at variance from	34. HJLN : PRTV : : BDFH : ? (A) JMOR (B) JLNP (C) KLOR (D) JKOR		
commonly known facts. You are to decide which of the given assumptions can definitely be drawn from the given statement. Indicate your answer.	<ul> <li>35. DLOC : ECI : : TOH : ?</li> <li>(A) EET (B) EAT</li> <li>(C) AET (D) ETA</li> </ul>		
Statement : All the people in Kerala are literate.	<b>36.</b> 42:20::64:? (A) 31 (B) 32 (C) 40 (D) 42		
Assumption I : People of Kerala are well educated and cultured. Assumption II : People of Kerala are hard working	<ul> <li>37. Ravishankar : Sitar : : Bismillah Khan : ?</li> <li>(A) Sarod</li> <li>(B) Santoor</li> <li>(C) Shehnai</li> <li>(D) Flute</li> </ul>		
and sincere. (A) Only I is implicit. (B) Only II is implicit.	<ul> <li>38. India : Mango : : New Zealand : ?</li> <li>(A) Apples (B) Kiwi</li> <li>(C) Grapes (D) Bananas</li> </ul>		
<ul><li>(C) Both I and II are implicit.</li><li>(D) Neither I nor II is implicit.</li></ul>	<b>39.</b> Put the correct words in the blanks : Christmas (2): Biryani		
<b>32.</b> A student walked out from the Classroom towards the Library. She went first to the Canteen on the left side, 24 ft away. After a cup of tea,	<ul> <li>(A) Christian, Muslim</li> <li>(B) Cashew, Rice</li> <li>(C) Jesus, Ramzan</li> <li>(D) Cake, Id-ul-Fitre</li> </ul>		
took a right turn and went to the Laboratory 13 ft away. She then went to the Physics Block, 15 ft to the left. she talked to a friend, in the garden 3 ft	<b>Directions :</b> In Question Nos. <b>40 &amp; 41</b> , choose the numbers similar to the group of numbers given.		
on the left and continued walking in the same direction to the Library, 10 ft more. What was the actual distance between the Library and the Classroom ?	<b>40.</b> 536, 428, 365 (A) 358 (B) 435 (C) 624 (D) 266		
(A) 42 ft (B) 65 ft (C) 39 ft (D) 34 ft SPACE FOR RO	<b>41.</b> 580, 265, 373 (A) 366 (B) 490 (C) 428 (D) 383		

SPACE FOR ROUGH WORK

42. How many rectangles are there in the given figure ?

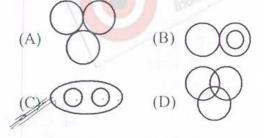


**43.** From the answer figures, select the one which can be formed from the components given in the question figure.



**Directions :** In Question Nos. 44 and 45, identify the diagram that best represents the relationship among classes given below :

44. Govt. Servants, Lecturers, Doctors



 M.K. Gandhi, Umesh Chandra Bandhopadhyay, Jatin Das and Surya Sen

()

(B)

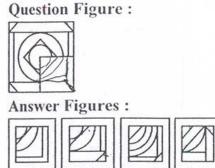
(D) (O

 $\bigcirc$ 

(A) (C)

3

**46.** Which answer figure will complete the pattern in the question figure ?



47. Which of the answer figures is embedded in the question figure ?

- All

(C)

(B)

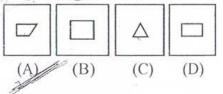
(D)

**Question Figure :** 



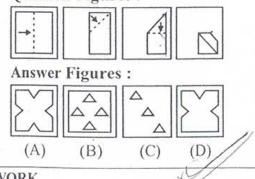
(A)

Answer Figures :



**48.** 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.

#### **Question Figures :**



SPACE FOR ROUGH WORK

**49.** Identify the alternative which resemble the mirror-image of the given word.

SYRATAROAS SECRETARY (A) SECRETARY (B) SECRETARY (C) SECRETARY (D)

A word is represented by only one set 50. of numbers as given in any one of the alternatives. The sets of numbers alternatives the are given in two classes of represented by 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 00, 11, 20 etc. and 'P' can be represented by 59, 68, 75, etc. Similarly, you have to identify the set for the word 'LOAD'.

		I	Ma	trix	I	
-		0	1	2	3	4
	0	A	В	С	D	E
	1	В	А	E	D	С
	2	A	С	D	В	E
	3	E	A	D	С	В
1	4	С	Е	А	D	В

	5	6	7	8	9
5	L	М	N	0	Р
6	M	L	N	Р	0
7	Р	L	М	Ν	0
8	Р	0	М	N	L
9	0	М	Р	L	N

- (A) 55, 42, 86, 03(B) 66, 40, 31, 13
- (C) 89, 86, 11, 99
- (D) 76, 95, 20, 32

#### FOR VISUALLY HANDICAPPED CANDIDATES ONLY

**Directions :** In Question Nos. 42 and 43, select the related word/number from the given alternatives.

- 42. 12:7::16:? (A) 10 (B) 9 (C) 7 (D) 8
  43. Monsoon: Flood::Summer:?
  - (A) Rain (B) Hot (C) Drought (D) Cold

**Directions :** In Question Nos. 44 to 48, find the odd number/letters/number pair from the given alternatives.

44.	<ul><li>(A) 2:20</li><li>(C) 3:30</li></ul>	(B) 4:50 (D) 1:10
	(A) 399 (C) 449	(B) 448 (D) 497
	(A) 1473 (C) 3472	<ul><li>(B) 7134</li><li>(D) 7413</li></ul>
47.	(A) 2 - 7 (C) 6 - 3	<ul> <li>(B) 4 − 5</li> <li>(D) 8 − 2</li> </ul>
	(A) 5 – 26 (C) 6 – 36	<ul> <li>(B) 8 - 65</li> <li>(D) 9 - 82</li> </ul>

**49.** Choose the correct alternative from the given ones that will complete the series.

E, J, O, ?, Y (A) T (B) L (C) Q (D) A

(B) 125

(D) 64

50. If 2 \* 8 \* 1 = 81 3 \* 2 \* 1 = 27 then 4 \* 1 \* 4 = ? (A) 225 (C) 625

SPACE FOR ROUGH WORK

### Part – II ENGLISH LANGUAGE

Directions : In Question Nos. 51 to 55, 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.

- 51. The students are told to \_\_\_\_\_\_ these words in the dictionary.
  - (A) look down (B) look up
  - (C) look into (D) look after
- 52. Rama took his \_\_\_\_\_ for the wrong done to him.
  - (A) avenge (B) vengeance
  - (C) revenge
- (D) ravage
- 53. Students are not prepared that kind of question.
  - (A) to (B) with (C) for (D) on
- Communism and Socialism have always \_\_\_\_\_ the sermons of economic equality.
  - (A) said (B) instructed
  - (C) preached (D) obeyed
- 55. Robert \_\_\_\_\_ Ali of his support.
  (A) assure (B) ensured
  (C) insured (D) assured

**Directions :** In Question Nos. 56 to 60, out of the four alternatives, choose the one which best expresses the meaning of the given word and mark it in the Answer Sheet.

#### 56. Sham

- (A) Real
- (B) Genuine
- (C) Authentic
- (D) Fake
- 57. Arduous
  - (A) Troublesome
  - (B) Gloomy
  - (C) Difficult
  - (D) Perilous
- 58. Jealous
  - (A) Interested
    - (B) Hatred
    - (C) Envied
  - (D) Admired
  - 59. Guile

(A) Cunning

- (B) Careful
- (C) Careless
- (D) Greedy
- 60. Futility
  - (A) Uselessness
  - (B) Insignificance
  - (C) Irrelevance
  - (D) Unimportance

**Directions :** In Question Nos. **61** to **65**, choose the word opposite in meaning to the given word and mark it in the Answer Sheet.

61. Profuse

- (A) Sparse
- (B) Miserly
- (C) Brief
- (D) Immoderate
- 62. Mitigate
  - (A) Appease
  - (B) Enhance
  - (C) Allay
  - (D) Relieve

63. Prudent

- (A) Dunce
- (B) Silly
- (C) Foolish
- (D) Careless
- 64. Traditional
  - (A) Avant-garde
  - (B) Present
  - (C) Unusual
  - (D) Fresh
- 65. Turbulent
  - (A) Harmony
  - (B) Gusty
  - (C) Calm
  - (D) Windy

**Directions :** In Question Nos. 66 to 70, 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.

- **66.** The boy was <u>in Dutch</u> with his friends.
  - (A) in love
  - (B) in good terms
  - (C) in awe
  - (D) in trouble
- 67. Their attempt to get back the stolen necklace became a wild goose chase.
  - (A) wise decision
  - (B) useless search
  - (C) timely action
  - (D) delayed action
- 68. The departmental store is open around the clock.
  - (A) at different timings
  - (B) early morning
  - (C) day and night
    - (D) throughout the afternoon
- **69.** Through the reporter's efforts, many unknown facts have <u>come to light</u>.
  - (A) ignited
  - (B) flared up
  - (C) brightened
  - (D) been revealed
- 70. I do not see eye to eye with you in this matter.
  - (A) to give a correct decision
  - (B) to obtain suitable punishment
  - (C) to have the same eyesight
  - (D) to have the same opinion

**Directions :** In Question Nos. 71 to 75, 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.

- 71. It is quite tough to <u>declare</u> which candidate will win the presidential election.
  - (A) predict
  - (B) augur
  - (C) portend
  - (D) No improvement
- 72. Transcoding <u>has one of the items</u> in the new syllabus.
  - (A) is one of the items
  - (B) has one of the item
  - (C) is one of the item
  - (D) No improvement
- 73. She does not tell lies, doesn't she?
  - (A) isn't she?
  - (B) does she?
  - (C) didn't she?
  - (D) No improvement

74. Have you ever been in New York?

- (B) to
- (C) with
- (D) No improvement
- 75. Wave after wave <u>surrounded</u> the tower.
  - (A) engulfed
  - (B) circled
  - (C) encircled
  - (D) No improvement

**Directions :** In Question Nos. 76 to 80, out of the four alternatives, choose the one which can be substituted for the given words/sentence.

76. Accidental good fortune

(A) Serendipity	(B)	Good luck
(C) Chance	(D)	Fluke

77. Short speech or poem given at the end of a play or a book

- (A) Epilogue (B) Epigram
- (C) Epitaph (D) Epicure
- 78. A person who drive our motor cars
  (A) Driver
  (B) Chauffeur
  (C) Conductor
  (D) Lift-operator
- 79. The headmaster <u>brought back to</u> <u>mind</u> the outstanding achievements of the school.
  - (A) remembered (B) reminded (C) reminisced (D) recalled
- 80. Lack of feeling

  (A) Empathy
  (B) Apathy
  (C) Sympathy
  (D) Pity

**Directions :** In Question Nos. **81** to **85**, four words are given in each question, out of which only one word is correctly spelt. Find the correctly spelt word and mark your answer in the Answer Sheet.

- 81. (A) Acoustics (B) Accoustics (C) Acusticts (D) Accuoustics
- 82. (A) Repertoire (B) Repartoire(C) Repertwah (D) Repertiore
- 83. (A) Necesary (B) Necesarry (C) Necesarry (D) Necessary
- 84. (A) Narsicissism (B) Narcicicism
   (C) Narcissism (D) Narcisism
- 85. (A) Seige (B) Pharoah(C) Laison (D) Portuguese



# **Study Kits for Staff Selection Commission Exams**

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- ✓ Study Kit for SSC Combined Graduate Level Examination (Tier II) <u>http://sscportal.in/community/study-kit/cgl-tier-2</u>
- ✓ Study Kit for Combined Higher Secondary Level (10+2) Examination <u>http://sscportal.in/community/study-kit/chsle</u>
- ✓ कर्मचारी चयन आयोग संयुक्त स्नातक स्तरीय परीक्षा (स्तर :-1) स्टडी किट <u>http://sscportal.in/community/study-kit/cgl/tier-1-hindi</u>
- ✓ Study Kit For SSC MTS Examination <u>http://sscportal.in/community/study-kit/mts</u>
- ✓ Study Kit For Prasar Bharti Examination <u>http://sscportal.in/community/study-kit/prasar-bharti-exam</u>
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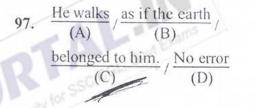
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**Directions :** In Question Nos. **86** to **95**, in the following passage some of the words have been left out. Read the passage carefully and choose the correct answer to each question out of the four alternatives and fill in the blanks.

The other day I visited a refugee <u>86</u> where the victims <u>87</u> the Gujarat Earthquake <u>88</u> in very <u>89</u> conditions. I was particularly <u>90</u> by an old woman who was determined to give <u>91</u> grandchildren a better future. She <u>92</u> a strong and <u>93</u> woman who even after the <u>94</u> of her own children undertook such a journey through life and never felt weak or broken but was an <u>95</u> for all.

86.	(A) house	(B) camp
	(C) home	(D) nest
87.	(A) of (C) in	(B) to
	(C) in	(D) at
88.	(A) was living	(B) are living
	(C) were living	(D) have lived
89.	(A) apathetic	(B) sympathetic
	(C) pathetic	(D) empathetic
90.	(A) cornered	(B) collected
	(C) worked	(D) moved
91.	(A) his	(B) her
	(C) its	(D) their
92.	(A) were	(B) had
	(C) was	(D) is
93.	(A) courageous	
	(C) ruinous	(D) careful
94.	(A) life	(B) death
	(C) motionless	(D) captivated
	(A) happiness	(B) determination
) (	(C) motivation	(D) inspiration

**Directions :** In Question Nos. 96 to 100, some parts of the sentences have errors and some are correct. Find out which part of a sentence has an error and blacken the oval [①] corresponding to the appropriate letter (A, B, C). If a sentence is free from errors, blacken the oval corresponding to (D) in the Answer Sheet.



98.  $\frac{\frac{\text{The United Nations}}{(A)} / \frac{\text{enquired for}}{(B)}}{(B)}$  $\frac{\text{a cease fire.}}{(C)} / \frac{\text{No error}}{(D)}$ 

99. <u>Ghana, Nigeria and Gambia</u>, / (A) <u>each have parts to play</u> / <u>in the</u> (B) <u>development of Africa.</u> / <u>No error</u> (C) / (D)

100. <u>In these days of inflation</u> / <u>a ten</u> (A) / <u>rupees note will not buy you</u> / (B) / <u>even an ordinary meal.</u> / <u>No error</u> (C) / <u>(D)</u>

#### Part – III QUANTITATIVE APTITUDE

- 101. A double bed is marked at ₹ 7,500. The shopkeeper allows successive discounts of 8%, 5% and 2% on it. What is the Net selling price ?
  (A) ₹ 6,500 (B) ₹ 6,000
  (C) ₹ 6,423.90 (D) ₹ 6,500.50
- 102. X purchased an item at a discount of 10% and sold it to Y at 10% profit. The marked price and the price for which Y purchased the item are in ratio.

(A) 1:1	(B) 10:99
(C) 20:99	(D) 100:99

- 103. A man engaged a servant on the condition that he would pay him ₹ 90 and a turban after service of one year. He served only for nine months and received the turban and an amount of ₹ 65. The price of turban is (A) ₹ 25 (B) ₹ 18.75
  - (C) ₹ 10
- (D) ₹ 2.50
- 104. If diagonals of a rhombus are 24 cm and 32 cm, then perimeter of that rhombus is

(A)	.80 cm	(B)	84 cm
(C)	76 cm	(D)	72 cm

105. The inradius of an equilateral triangle is  $\sqrt{3}$  cm, then the perimeter of that triangle is

(A) 18 cm (B) 15 cm (C) 12 cm (D) 6 cm

- 106. The average marks secured by 36 students was 52. But it was discovered that an item 64 was misread as 46. What is the correct mean of marks?
  (A) 54 (B) 53.5 (C) 53 (D) 52.5
- 107. A shoe company sold 50 pairs of shoes on a day costing ₹ 189.50 each for ₹ 10,000. Then the profit obtained in ₹ is
  (A) 522 (B) 525 (C) 573 (D) 612

108. Kamala bought a bicycle for ₹ 1,650. She had to sell it at a loss of 8%. She sold it for

(A) ₹1,581	(B) ₹1,518
(C) ₹1,510	(D) ₹1,508

- 109. A got twice as many marks in English as in Science. His total marks in English, Science and Mathematics is 180. If the ratio of his marks in English and Mathematics is 2:3, what is his marks in Science? (A) 20 (B) 60 (C) 30 (D) 40
- 110. Tom is chasing Jerry. In the same interval of time Tom jumps 8 times while Jerry jumps 6 times. But the distance covered by Tom in 7 jumps is equal to the distance covered by Jerry in 5 jumps. The ratio of speed of Tom and Jerry is

(A) 48:35	(B) 28:15
(C) 24:20	(D) 20:21

111. Three years ago the average age of a family of 5 members was 17 years. A baby having been born, the average age of the family remains the same today. The age of the baby today is
(A) 3 years
(B) 2 years

+/(D) 1.5 years

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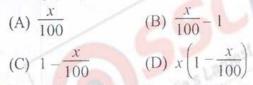
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(C) 1 year

- 112. Find the difference between the compound interest and the simple interest on ₹ 32,000 at 10% p.a. for 4 years.
  (A) 2051.20 (B) 2052.50 (C) 2025.20 (D) 2501.20
- 113. The whole surface of a cube is 150 sq.cm. Then the volume of the cube is (A) 125 cm<sup>3</sup> (B) 216 cm<sup>3</sup>
  (C) 343 cm<sup>3</sup> (D) 512 cm<sup>3</sup>
- 114. If each edge of a square be doubled, then the increase percentage of its area is

(A)	200%	(B) 250%	
	280%	(D) 300%	

- 115. A solid metallic spherical ball of diameter 6 cm is melted and recast into a cone with diameter of the base as 12 cm. The height of the cone is
  (A) 2 cm
  (B) 3 cm
  (C) 4 cm
  (D) 6 cm
- **116.** Subtracting x% of y from y means multiplying y by



117. In a village 30% of the population is literate. If the total population of the village is 6,600, then the number of illiterate is

(A)	1980	(B) 4620	
	2200	(D) 3280	

118. Two trains start from stations A and B and travel towards each other at speeds of 50 kmph and 60 kmph respectively. At the time of their meeting, the second train has travelled 120 km more than the first. The distance between A and B is
(A) 1200 km
(B) 1440 km

(A)	1200 km	(D)	1440 KI
	1320 km	(D)	990 km

- 119. If  $P^3 + 3P^2 + 3P = 7$ , then the value of  $P^2 + 2P$  is (A) 4 (B) 3 (C) 5 (D) 6
- 120. If x = 2015, y = 2014 and z = 2013, then value of  $x^2 + y^2 + z^2 - xy - yz - zx$  is (A) 3 (B) 4 (C) 6 (D) 2

121. If 
$$3a^2 = b^2 \neq 0$$
, then the value of  

$$\frac{(a+b)^3 - (a-b)^3}{(a+b)^2 + (a-b)^2}$$
 is  
(A)  $\frac{3}{2}b$  (B) b  
(C)  $\frac{1}{2}b$  (D)  $\frac{2}{3}b$ 

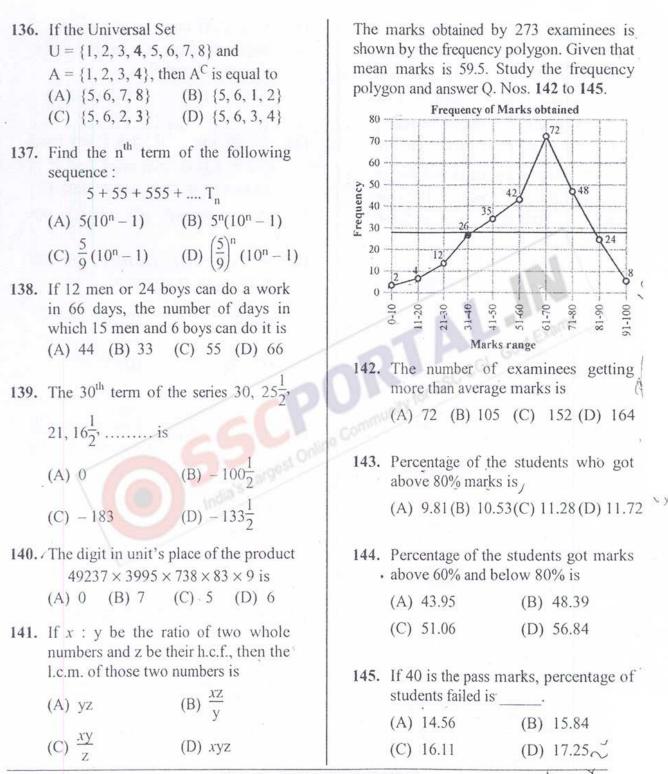
- 122. A hemispherical bowl of internal radius 15 cm contains a liquid. The liquid is to be filled into a cylindrical-shaped-bottles of diameter -5 cm and height 6 cm. The number of bottles required to empty the bowl is
  (A) 30 (B) 40 (C) 50 (D) 60
- 123. Two equal maximum sized circular plates are cut off from a circular paper sheet of circumference 352 cm. Then the circumference of each circular plate is
  - (A) 176 cm (B) 150 cm
  - (C) 165 cm (D) 180 cm
- 124. If a + b + c = 0, then the value of  $(a + b' - c)^2 + (b' + c' - a)^2 + (c + a - b)$  is (A) 0 (B) 8 abc
  - (C)  $4(a^2 + b^2 + c^2)$  (D) 4(ab + bc + ca)

# SPACE FOR ROUGH WORK,

125.	Two circles $C_1$ and $C_2$ touch each other internally at P. Two lines PCA and PDB meet the circles $C_1$ in C, D and $C_2$ in A, B respectively. If $\angle BDC = 120^\circ$ , then the value of		31.	Let A, B, C, D quadrilateral. If then the value of $\cos A + \cos B + c$ (A) 0 (B) 1	they are concy cos C + cos D is
126.	$\angle$ ABP is equal to (A) 60° (B) 80° (C) 100° (D) 120° DE is a tangent to the circumcircle of $\triangle$ ABC at the vertex A such that DE    BC. If AB = 17 cm, then the length of AC is equal to	1	32.	If a pole of 12 m of $4\sqrt{3}$ m long of the sun's angle instant is (A) 30° (B) 60°	on the ground, of elevation at
127.	<ul> <li>(A) 16.0 cm</li> <li>(B) 16.8 cm</li> <li>(C) 17.3 cm</li> <li>(D) 17 cm</li> <li>The distance between the centres of two circles with radii 9 cm and 16 cm is 25 cm. The length of the segment of the</li> </ul>	1		If sin $(\theta + 18^\circ) = 0$ then the value of (A) $\frac{1}{2}$ (C) $\frac{1}{\sqrt{2}}$	
	tangent between them is (A) 24 cm (B) 25 cm (C) $\frac{50}{3}$ cm (D) 12 cm	nine Com	34.	If $\tan \theta = \frac{3}{4}$ , then	the value of
128.	If $x > 1$ and $x + \frac{1}{x} = 2\frac{1}{12}$ , then the value of $x^4 - \frac{1}{x^4}$ is (A) $\frac{58975}{20736}$ (B) $\frac{59825}{20736}$ (C) $\frac{57985}{20736}$ (D) $\frac{57895}{20736}$			$\frac{4\sin^2\theta - 2\cos^2\theta}{4\sin^2\theta + 3\cos^2\theta}$ (A) $\frac{1}{21}$ (C) $\frac{4}{21}$	(B) $\frac{2}{21}$ (D) $\frac{8}{21}$
129.	AD is the median of a triangle ABC and O is the centroid such that AO = 10 cm. Length of OD (in cm) is (A) 2 (B) 4 (C) 5 (D) 7	1 P		If $\frac{\cos \alpha}{\cos \beta} = a$ , $\frac{\sin \beta}{\sin \beta}$ equal to	
130.	The measure of the angle between the internal and external bisector of an angle is (A) $60^{\circ}$ (B) $70^{\circ}$ (C) $80^{\circ}$ (D) $90^{\circ}$	0°0	Ð	(A) $\frac{a^2 - 1}{a^2 + b^2}$ (C) $\frac{a^2 - 1}{a^2 - b^2}$	(B) $\frac{a^2 + 1}{a^2 - b^2}$ (D) $\frac{a^2 + 1}{a^2 + b^2}$
	SPACE FO	R ROUGI	HW	ORK	-1

- . Let A, B, C, D be the angles of a quadrilateral. If they are concyclic, then the value of  $\cos A + \cos B + \cos C + \cos D$  is (A) 0 (B) 1 (C) -1 (D) 2
- . If a pole of 12 m high casts a shadow of  $4\sqrt{3}$  m long on the ground, then the sun's angle of elevation at that instant is (A) 30° (B) 60° (C) 45° (D) 90°
- If  $\sin(\theta + 18^\circ) = \cos 60^\circ (0 < \theta < 90^\circ)$ , then the value of  $\cos 5\theta$  is
  - (C)  $\frac{1}{\sqrt{2}}$  (B) 0 (A)  $\frac{1}{2}$

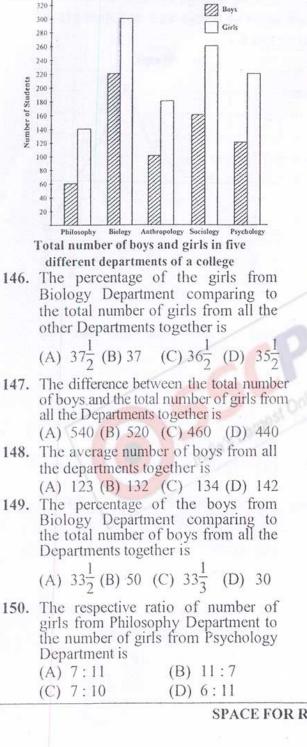
If  $\tan \theta = \frac{3}{4}$ , then the value of  $\frac{4\sin^2\theta - 2\cos^2\theta}{4\sin^2\theta + 3\cos^2\theta}$  is equal to (A)  $\frac{1}{21}$  (B)  $\frac{2}{21}$ (C)  $\frac{4}{21}$ (D)  $\frac{8}{21}$ 5. If  $\frac{\cos \alpha}{\cos \beta} = a$ ,  $\frac{\sin \alpha}{\sin \beta} = b$ , then  $\sin^2 \beta$  is equal to (A)  $\frac{a^2 - 1}{a^2 + b^2}$  (B)  $\frac{a^2 + 1}{a^2 - b^2}$ 



#### SPACE FOR ROUGH WORK

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Study the bar diagram and answer Q. Nos. 146 to 150.



#### FOR VISUALLY HANDICAPPED CANDIDATES ONLY

- 142. Which one of the following numbers is a multiple of 11 ?
  (A) 978626 (B) 447355
  (C) 112144 (D) 869756
- 143. ₹ 782 is divided into 3 parts proportional to the fractions 1/2, 2/3 & 3/4. Then the 1<sup>st</sup> part is

(A) ₹ 182 (B) ₹ 190 (C) ₹ 196 (D) ₹ 204

144. The total interest in 4 years becomes  $\frac{8}{25}^{\text{th}}$  of the principal at some simple. interest per annum. The rate of interest per annum is

(A) 8% (B) 16% (C)  $3\frac{2}{25}$ % (D) 4%

145. If 15% of the students in a school are boys and the girl's number is 340, then the number of the boys is
(A) 30 (B) 60 (C) 80 (D) 85

46. The value of  

$$\frac{6.4 \times 6.4 \times 6.4 - 4.6 \times 4.6 \times 4.6}{6.4 \times 6.4 + 6.4 \times 4.6 + 4.6 \times 4.6}$$
(A) 11 (B) 5.4 (C) 3.6 (D) 1.8

147. If  $P^2 + \frac{1}{P^2} = 1$  (P > 0), then the value of  $P^3 + \frac{1}{P^3}$  is

(A) 1 (B) 2 (C) 3 (D) 0 148. Each interior angle of a regular octagon is

(A)  $120^{\circ}$  (B)  $108^{\circ}$  (C)  $135^{\circ}$  (D)  $45^{\circ}$ **149.** The value of

 $\frac{12 \sin^2 61^\circ + 8 + 12 \sin^2 29^\circ}{9 \cos^2 13^\circ + 1 + 9 \cos^2 77^\circ}$  is (A) 1 (B) 2 (C) 4 (D) 3

**150.** If  $\tan (\theta + 15^\circ) = \sqrt{3}$ , where  $\theta$  is acute, then the value of  $\sin \theta$  is

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

#### SPACE FOR ROUGH WORK

#### Part-IV GENERAL AWARENESS

- 151. Which among the following States, first introduced the Panchayat Raj System ?
  - (B) Haryana (A) Rajasthan
  - (C) Uttar Pradesh (D) Maharashtra
- 152. Which was the backbone of Indus Economy? (A) Agriculture
  - (B) Trade
  - (C) Wheel Made Pottery
  - (D) Carpentry
- 153. Which Mughal Emperor transferred the Mughal Capital from Agra to ·Delhi?
  - (B) Aurangzeb (A) Jahangir
  - (D) Bahadur Shah (C) Shahjahan
- 154. Who said, "A living thing is born" after the League of Nation's Covenant was drafted ?
  - (A) Lord Robert Cecil
  - (B) Woodrow Wilson
  - (C) Orlando
  - (D) Neville Chamberlain
- 155. The author of 'Arthashastra' was a contemporary of
  - (A) Ashoka
  - (B) Chandragupta Maurya
  - (C) Samudragupta
  - (D) Chandragupta Vikramaditya
- 156. The Taj-Mahal was built by
  - (B) Shahjahan (A) Jahangir
  - (D) Nadir Shah (C) Sher Shah
- Commission is Election 157. The established under the Article (B) Article-256 (A) Article-355 (C) Article-324 (D) Article-320
- 158. In the year 1977, an officialcommittee was appointed to examine under the Rai Panchayat Chairmanship of
  - (A) Ashok Mehta
  - (B) Shri Ram Mehta
  - (C) Balwant Rai Mehta
  - (D), Manohar Lal Mehta
- 159. How many countries are the members of U.N. General Assembly ? (B) 191 (A) 190
  - (C) 192 (D) 193

- 160. Which one of the following continents lies in Northern-Southern and Eastern-Western hemispheres of the earth?
  - (A) Australia (B) Africa
  - (C) Europe (D) South America
- Committee/Commission 161. Which examined the Centre and State relationship?
  - (A) Ashok Mehta Committee
  - (B) Indrajit Gupta Committee
  - (C) Sarkaria Commission
  - (D) N.N. Vohra Committee
- 162. Which one of the following is not a photosynthetic pigment?
  - (B) Phycobilin (A) Chlorophyll
  - (C) Carotenoid (D) Anthocyanin
- 163. National Fruit of India is (A) Mango (B) Pineapple (D) Grapes (C) Apple
- 164. Which of the following is a fibrous protein? (A) Haemoglobin<sub>x</sub> (B) Albumin (D) Enzymes (G) Keratin
  - 165. Typhoid fever is caused by (B) Virus (A) Bacteria (C) Protozoa (D) Fungi
  - 166. The International Commission on Nomenclature was Zoological established in
    - (B) 1988 (A) 1898
    - (D) 1664 (C) 2001
  - 167. Which one of the following is the world's largest desert ?
    - (B) Kalahari (A) Arabian
    - (C) Sahara (D) Thar
  - 168. The percentage of India's total population employed in agriculture is nearly (A) 60% (B) 50%
    - (C) 70% (D) 80%
  - 169. The temperature increases rapidly above
    - (A) Ionosphere (B) Exosphere (D) Troposphere
    - (C) Stratosphere

	1 Micron is equal to (A) $10^{-9}$ m (B) $10^{-12}$ m (C) $10^{-6}$ m (D) $10^{-15}$ m	those 1	Concentration of lethal to 50% anii (A) LD <sub>50</sub>	
	<ul> <li>A wavelength of 0.3 m is produced in air and it travels at a speed of 300 m/s. Then it will be an</li> <li>(A) Audible wave</li> <li>(B) Infrasonic wave</li> <li>(C) Ultrasonic wave</li> </ul>	179. 1	<ul><li>(C) NOAEL</li><li>Neap tides are</li><li>(A) Strong</li><li>(C) Medium</li></ul>	<ul><li>(D) ADI</li><li>(B) Weak</li><li>(D) Very strong</li></ul>
	<ul> <li>(D) Microwave</li> <li>The time between program input and output is called</li> <li>(A) Turn around time</li> <li>(B) Waiting time</li> <li>(C) Execution time</li> <li>(D) Delay time</li> </ul>	181.	Africa? (A) Eastern (C) Northern	d in which part of (B) Western (D) Southern the largest surface
173.	The Indian National Grid Computing Initiative for Scientific Engineering and Academic Community is named (A) Ganga (B) SAGA (C) Garuda (D) PARAM		<ul> <li>(A) Arctic Ocean</li> <li>(B) Atlantic Ocean</li> <li>(C) Indian Ocean</li> <li>(D) Pacific Ocean</li> </ul>	an 1
	Sodium Carbonate is commonly known as (A) Baking Soda (B) Washing Soda (C) Caustic Soda (D) Caustic Potash Carolus Linnaeus System of classification is (A) Natural (B) Artificial (C) Binomial (D) Phylogenetic	Commun	meet their essen report by McKin	ny Indians cannot tial needs as per a sey Global Institute on 19 <sup>th</sup> February, (B) 56% (D) 36%
176.	<ul> <li>A man standing at the top of a tower has two spheres A and B. He drops sphere A downwards and throws sphere B horizontally at the same time. Which of the following is correct?</li> <li>(A) Both the spheres will reach the ground simultaneously.</li> </ul>		atoms, the energy (A) increase (B) decrease (C) remain the s (D) may increase	
177.	<ul> <li>(B) A will reach the ground first.</li> <li>(C) B will reach the ground first.</li> <li>(D) The question is incomplete because the masses of the spheres are not given.</li> <li>The dimensional formula ML<sup>-1</sup>T<sup>-2</sup></li> </ul>		$H_2 + I_2$ are $K_1$ the relationship be	
	corresponds to (A) Modulus of elasticity (B) Viscosity (C) Moment of a force (D) Thrust	185.	Water has maxin (A) 100 °C	
	Do	wnloade	d From: htt	p://sscportal.in

178.	Concentration of a material which is
	lethal to 50% animal is called as

(A)	LD <sub>50</sub>	(B)	$LC_{50}$
(C)	NOAEL	(D)	ADI

- (B) Weak (A) Strong
- (D) Very strong (C) Medium
- 180. Sahara is located in which part of Africa?
  - (B) Western (A) Eastern (C) Northern (D) Southern

- (B) Atlantic Ocean
- (C) Indian Ocean
- (D) Pacific Ocean
- 182. About how many Indians cannot meet their essential needs as per a report by McKinsey Global Institute (MGI) released on 19th February, 2014? (B) 56% (A) 66%
  - (C) 46% (D) .36%
- 183. When a bond is formed between two atoms, the energy of the system will (A) increase
  - (B) decrease
  - (C) remain the same
  - (D) may increase or decrease
- 184. If the equilibrium constants for the systems  $H_2 + I_2 \rightleftharpoons 2HI$  and  $2HI \rightleftharpoons$  $H_2 + I_2$  are  $K_1$  and  $K_2$  respectively, the relationship between K1 and K2 is:

(A) 
$$K_1 = K_2$$
  
(B)  $K_1 = 2K_2$   
(C)  $K_1 = K_2/2$   
(D)  $K_1 = 1/K_2$ 

186. Who is the founder of Jainism in India? (A) Gautama (B) Mahavira (C) Chandragupta (D) Ashoka 187. Who compiled the tales of "The Panchatantra"? (A) Valmiki (B) Veda Vyasa (C) Vishnu Sharma (D) Tulsidas 188. Rajiv Gandhi Khel Ratna award for 2012-13 was awarded to (A) Sachin Tendulkar (B) Sania Mirza (C) Major RVS Rathore (D) Ronjan Sodhi 189. Human Rights Day is observed on (A) 10<sup>th</sup> March (B) 10<sup>th</sup> July (C) 10<sup>th</sup> September (D) 10<sup>th</sup> December 190. Ajanta Caves were built during period of (B) Kushana (A) Gupta (C) Maurya (D) Chalukya 191. Who was the painter of the famous painting called - 'Bharatmata' ? (A) Gaganendranath Tagore (B) Abanindranath Tagore (C) Nandalal Bose (D) Jamini Roy 192. Who discovered Cape of Good Hope in 1488? (A) Magellan (B) Columbus (C) Bartholomew Dias (D) Vasco da gama 193. Telephone was invented by (A) Alexander Graham Bell (B) Baird (C) Stevenson (D) Newton 194. Which was the first country to host the Asian Games?

(A) Korea

C) Japan

(B) India

(D) China

- d for (B) Milton Friedman
  - (C) Irving Fisher

Economy is

(A) March-April

(C) January-June

(D) February-April

- (D) James Duesenberry
- **197.** Which one of the Constitutional amendment has established Panchayati Raj Institution ?

195. The 'Slack Season' in the Indian

196. The relationship between the rate of

interest and level of consumption

(B) September-December

- (A) 72<sup>nd</sup> Amendment Act
- (B) 71<sup>st</sup> Amendment Act
- (C) 73<sup>rd</sup> Amendment Act
- (D) 78<sup>th</sup> Amendment Act
- **198.** 'Take-off stage' in an economy means
  - (A) Steady growth begins.
  - (B) Economy is stagnant.
    - (C) Economy is about to collapse.
    - (D) All controls are removed.
- **199.** Taxes are as certain as the death, because
  - (A) They constitute the major source of government revenue.
    - (B) Government have no other source of revenue.
    - (C) Most PSUs are run inefficiently.
    - (D) Government has its own budget constraints.
- **200.** Which is NOT a measure undertaken by government to check inflation ?
  - (A) Increase in consumption
  - (B) Increase in production
  - (C) Reduction in Deficit financing
  - (D) Taxation measures



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