# SSC Combined Graduate Level Exam Paper held on 26.06.2011 (First Sitting)

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

Test Form No. टेस्ट फॉर्म सं. 055 QI 6

**BD** 2011

DL

Time Allowed : 2 Hours (For V.H. (low vision) Candidates : 2 hr. 40 min.)

Maximum Marks: 200

निर्धारित समय : 2 घंटे (दृष्टिबाधित (कम दृष्टि) उम्मीदवारों के लिए : 2 घण्टे 40 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 - A: General Intelligence & Reasoning (50 Questions) Part - B : General Awareness (50 Questions)

Part - C: Numerical Aptitude (50 Questions) Part - D: English Comprehension (50 Questions)

2. All questions are compulsory and carry equal marks.

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.

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

- You will be supplied the Answer-Sheet separately by the Invigilator. You must complete the details of Ticket Number, Roll Number and Test Form Number on Side-I of the Answer-Sheet carefully before you actually start answering the questions. You must also put your signature on the Answer-Sheet at the prescribed place. These instructions must be fully complied with, failing which, your Answer-Sheet will not be evaluated and you will be awarded 'ZERO' mark. (For V.H. candidates these details will be filled in by the scribe. However all V.H. candidates must put their left-hand thumb impression at the space provided in the Answer-Sheet. In addition, those V.H. candidates who can sign should also put their signatures in addition to thumb impression.)
- Answers must be shown by completely blackening the corresponding rectangles on Side-II of the Answer-Sheet against the relevant question number by HB pencil only. Answers which are not shown by HB pencil will not be awarded any mark.
- 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, the candidature of such candidate will be treated as cancelled.
- The Answer-Sheet must be handed over to the Invigilator before you leave the Examination Hall.
- Failure to comply with any of the above instructions will render a candidate liable to such action/penalty as may be deemed fit.
- 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
- 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.
- 12. In lieu of Questions No. 46 to 50 and 147 to 150 relating to figural and graph portions, alternate questions have been provided to be attempted by V.H. candidates only.
- 13. No rough work is to be done on the Answer-Sheet. Space for rough work has been provided below the questions in Part A and Part C of this Booklet.

उम्मीदवारों के लिए अनदेश

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

भाग - क : सामान्य बुद्धि और तर्क भाग - ख: सामान्य जानकारी (50 प्रश्न) भाग - ग : सांख्यिकीय अभिक्षमता (50 प्रश्न) भाग - घ . अंग्रेजी परिज्ञान (50 प्रश्न)

सभी प्रश्न अनिवार्य हैं तथा सबके बराबर अंक हैं। 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।

प्रश्न पत्र में नकारात्मक अंकन होगा । हर ग़लत उत्तर के लिए 0-25 अंक काटा जाएगा ।

0-25 अक काटा जाएगा । निरीक्षक द्वारा आपको उत्तर-पत्रिका अलग से दी जाएगी । प्रश्नों के उत्तर वास्तव में शुरू करने से पहले आप उत्तर-पत्रिका के Side-I में अपना *टिकट* नम्बर, रोल नम्बर तथा टेस्ट फॉर्म संख्या अवश्य लिखें । उत्तर-पत्रिका पर निर्धारित स्थान में आप अपने हस्ताक्षर भी अवश्य करें । 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 सुभी दृष्टिबाधित उम्मीदवार यहं ।ववरण ।वापक द्वारा भरा जाए । परन्तु सभा दृष्टबाधित उम्मादवार उत्तर-पत्रिका में निर्धारित स्थान पर अपने बाएँ हाथ के अंगूठे का निशान अवश्य लगाएँ । इसके अतिरिक्त, जो दृष्टिबाधित उम्मीदवार हस्ताक्षर कर सकते हैं, वे अंगूठे के निशान के अलावा अपने हस्ताक्षर भी कर दें ।)

उत्तर-पत्रिका में सभी उत्तर Side-II में प्रश्न संख्या के सामने दिये गये सम्बन्धित आयताकार खानों को HB पेंसिल से पूरी तरह काला करके दिखाएँ । जो आयताकार खाने HB पेंसिल से नहीं भरे जाएँगे, उनके लिए कोई अंक *नहीं* दिया जाएगा ।

ओ.एम.आर. उत्तर-पत्रिका में भरी गई कूट सूचना को एक मशीन पढ़ेगी। यदि सूचना अपूर्ण है अथवा आवेदन प्रपत्र में दी गुई सूचना से भिन है, तो ऐसे अभ्यर्थी की अभ्यर्थिता निरस्त समझी जाएगी।

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

उपर 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।

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।

11. 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

12. आकृति और आलेख से सम्बन्धित प्रश्न संख्या 46 से 50 एवं 147 से 150 के बदले में केवल दृष्टिबाधित उम्मीदवारों द्वारा हल किए जाने के लिए वैकल्पिक प्रश्न दिए गए हैं।

13. कोई रफ़ कार्य उत्तर-पत्रिका पर नहीं करना है । रफ़ कार्य के लिए स्थान इसी पुस्तिका के भाग क तथा भाग ग के प्रश्नों के नीचे दिया

इस प्रस्तिका की सील तब तक न खोलें जब तक कहा न जाए

	PAI GENERAL INTELLIG	RT A	7 & F	REASONI	NG	
			DNI.I	: IGEC : :	VTRP:?	
elate	tions: In questions no. 1 to 9, select the d letters/words/numbers from the given actives.		(A) (	OMKI QSRC	(B)	RSTU RPOM
102	6:64::11:?	- Cario	(0)	ASILO	(2)	
	(A) 144 (B) 169	9.	17 : 6	80 : : 20 : ?	ings .	
	(C) 121 (D) 124	89		57	(B)	69
2.	123:4::726:? (A) 23 (B) 26			81	(D)	93
	(A) 23 (B) 26 (C) 14 (D) 12	Direc	ctions	: In questi	ons no. 10	to 15, find the od
3.	Fish: Scales: Bear:?  (A) Feathers (B) Leaves	numl	per/let	ters/word ;	from the gi	ven alternatives.
	(11) Cl.:	10.	(A)	162	(B)	405
4.	(C) Fur (D) Skin Writer: Pen::?	. 5	(C)	567	(D)	644
	(A) Needle: Tailor	11.	(A)	156	(B)	201
	(B) Artist: Brush	11.	(C)	273	(D)	345
	(C) Painter: Canvas		745			
	(D) Teacher: Class	12.	(A)	Flute	(B)	Violin
5.	NUMERAL : UEALRMN : : ALGEBRA : ?	1	(C)	Guitar	(D)	Sitar
	(A) LRBAGEA (B) BARLAGE (C) LERAGRA (D) LERABGA	13.	(A)	Prod	(B)	Sap
6.	(C) LERAGBA (D) LERABGA  BDAC : FHEG : : NPMO : ?		(C)	Jab	(D)	Thrust
0.	(A) RQTS (B) QTRC	14.	(A)	JKOP	(B)	MNST
	(C) TRQS (D) RTQS	1.2.	(C)	CABD	(D)	) OPWX
_	FGHI: OPQR:: BCDE:?	15		CAFD	(B	) TSWV
7.	(A) KLMJ (B) KLMN	15.	(A)	OALD	The same	) OMRP

In the following question, number of letters 20. Which one set of letters when sequentially are skipped in between by a particular rule. placed at the gaps in the given letter series Which of the following series observes the shall complete it? rule? hcbocab bacab cba ab (A) ABFGJK (B) **ACFJOU** (C) **MPQSTV** (D) ADFHJL (A) cabcb (B) abccb (C) bacbc (D) bcaba 17. Find out the pair of numbers that does not belong to the group for lack of common property. Directions: In questions no. 21 to 24 a series is given, with one/two term(s) missing. Choose the (A) 11-115 10 - 90correct alternative from the given ones that will (C) 9-72(D) 8 - 56complete the series. Directions: Which one of the given responses would 21. 4, 196, 16, 169, ?, 144, 64 be a meaningful descending order of the following? (A) 21 (B) 81 18. 1. Major Captain (C) 36 (D) 32 3. Colonel Brigadier 5. Lt. General 22. 8, 15, 36, 99, 288 (A) 5, 4, 3, 1, 2 (B) 5, 1, 4, 2, 3 (B) 676 (A) 368 (C) 4, 5, 1, 3, 2 3, 4, 2, 5, 1 855 (D) 908 Directions: Arrange the following words as per 23. XYZCBAUVWFE order in the dictionary. (A) DR (B) RS 19. 1. Dissident 2. Dissolve (C) DS (D) MN 3. Dissent Dissolute 5. Dissolution 24. reoc, pgme, nikg, lkii, ?

(A) acef

(C) efgh

(B)

(D)

jmgk

wxyz

3, 2, 1, 4, 5

3, 2, 4, 5, 1

(D)

(A)

(C)

3, 1, 4, 5, 2

3, 1, 4, 2, 5

- 25. Among her children, Ganga's favourites are Ram and Rekha. Rekha is the mother of Sharat, who is loved most by his uncle Mithun. The head of the family is Ram Lal, who is succeeded by his sons Gopal and Mohan. Gopal and Ganga have been married for 35 years and have 3 children. What is the relation between Mithun and Mohan?
  - (A) Uncle
- (B) Son
- (C) Brother
- (D) No relation
- 26. Find the wrong number in the series.

6, 9, 15, 22, 51, 99

- (A) 99
- (B) 51
- (C) 22
- (D) 15
- 27. In a row of girls, Kamla is 9<sup>th</sup> from the left and Veena is 16<sup>th</sup> from the right. If they interchange their positions, Kamla becomes 25<sup>th</sup> from the left. How many girls are there in the row?
  - (A) 34
- (B) 36
- (C) 40
- (D) 41
- 28. Ravi has spent a quarter  $\left(\frac{1}{4}\right)$  of his life as a boy, one-fifth  $\left(\frac{1}{5}\right)$  as a youth, one-third  $\left(\frac{1}{3}\right)$  as a man and thirteen (13) years in old age. What is his present age?
  - (A) 70 years
- (B) 80 years
- (C) 60 years
- (D) 65 years
  - (C)

- Five boys A, B, C, D, E are sitting in a park in a circle. A is facing South-West, D is facing South-East, B and E are right opposite A and D respectively and C is equidistant between D and B. Which direction is C facing?
  - (A) West
- (B) South
- (C) North
- (D) East
- 30. At what time are the hands of clocks together between 6 and 7?
  - (A)  $32\frac{8}{11}$  minutes past 6
  - (B)  $34\frac{8}{11}$  minutes past 6
  - (C)  $30\frac{8}{11}$  minutes past 6
  - (D)  $32\frac{5}{7}$  minutes past 6
- 31. Out of 100 families in the neighbourhood, 50 have radios, 75 have TVs and 25 have VCRs. Only 10 families have all three and each VCR owner also has a TV. If some families have radio only, how many have only TV?
  - (A) 30
- (B) 35
- (C) 40
- (D) 45
- 32. Suresh was born on 4<sup>th</sup> October 1999. Shashikanth was born 6 days before Suresh. The Independence day of that year fell on Sunday. Which day was Shashikanth born?
  - (A) Tuesday
- (B) Wednesday
- (C) Monday
- (D) Sunday

33. From the given alternative words, select the word which *cannot* be formed using the letters of the given word:

# 'CONCENTRATION'

- (A) CONCERN
- (B) NATION
- (C) TRAIN
- (D) CENTRE
- 34. In a certain office, 1/3 of the workers are women, 1/2 of the women are married and 1/3 of the married women have children. If 3/4 of the men are married and 2/3 of the married men have children, then what part of workers are without children?
  - (A) 5/18
- (B) 4/9
- (C) 11/18
- (D) 17/36
- 35. If a man on a moped starts from a point and rides 4 km South, then turns left and rides 2 km to turn again to the right to ride 4 km more, towards which direction is he moving?
  - (A) North
- (B) West
- (C) East
- (D) South
- 36. Ganesh cycles towards South-West a distance of 8 m, then he moves towards East a distance of 20 m. From there he moves towards North-East a distance of 8 m, then he moves towards West a distance of 6 m. From there he moves towards North-East a distance of 2 m. Then he moves towards West a distance of 4 m and then towards South-West 2 m and stops at that point. How far is he from the starting point?
  - (A) 12 m
- (B) 10 m
- (C) 8 m
- (D) 6 m

37. Two statements are given followed by four inferences. Select the alternative which is most appropriate.

#### Statements:

India is becoming industrialised.

Pollution is a problem associated with industrialisation.

# Inferences:

- I. All industrial centres are polluted.
- II. India is polluted.
- III. Polluted nations are industrialised.
- IV. India may become polluted.
- (A) All are appropriate
- (B) None is appropriate
- (C) Only IV is appropriate
- (D) Only II is appropriate
- 38. From the given alternative words, select the word which can be formed using the letters of the given word:

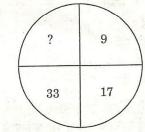
#### 'DETERMINATION'

- (A) DECLARATION
- (B) NATIONAL
- (C) TERMINATED
- (D) DEVIATION
- 39. If in a certain code HYDROGEN is written as JCJZYSSD, then how can ANTIMONY be written in that code?
  - (A) CPVKOQPA
- (B) CRZQWABO
- (C) ERXMQSRC
- (D) GTZOSUTE
- 40. If DELHI is coded as 73541 and CALCUTTA as 82589662, then how can CALICUT be coded?
  - (A) 5279431
- (B) 5978013
- (C) 8251896
- (D) 8543691

Directions: In questions no. 41 and 42, select the 45. missing number from the given responses.

- 2 41. 3 ? 9 8
  - 216 126 168
  - (A) 8
- (B)
- (C) 6
- (D) 36

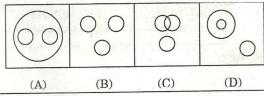
42.



- 60 (A)
- (B) 68
- (C) 55
- (D) 65
- How many rectangles are there in the given 43. diagram?



- (A) 4
- (B)
- (D) 18
- 44. Which of the following diagrams represents the relationship among Sun, Moon and Star?



Some equations have been solved on the basis of a certain system. Find the correct answer for the unsolved equation on that basis.

If 9 \* 7 = 32, 13 \* 7 = 120, 17 \* 9 = 208, then 19 \* 11 = ?

- (A) 150
- 180
- 210
- (D) 240
- Forecast the Growth Rate for the year 1995 46. from the following data:

Year →	1990	1991	1992	1993	1994	1995
$\begin{array}{c} \text{Growth} \\ \text{Rate} \rightarrow \end{array}$	3.5	3.7	4.1	4.9	6.5	?

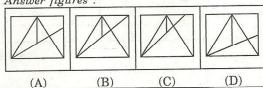
- (A) 7.8
- (B) 8.6
- (C) 9·7
- (D) 9.9
- If '-' stands for '÷', '+' stands for 'x', '÷' for '-' 47. and 'x' for '+', which one of the following equations is correct?
  - $30 6 + 5 \times 4 \div 2 = 27$
  - $30 + 6 5 \div 4 \times 2 = 30$
  - $30 \times 6 \div 5 4 + 2 = 32$
  - $30 \div 6 \times 5 + 4 2 = 40$

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

Question figure:



Answer figures :

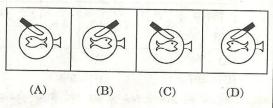


**Directions**: If a mirror is placed on the line MN, then which of the answer figures is the correct image of the given question figure?

# 49. Question figure:

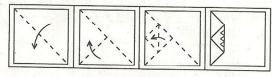


# Answer figures:

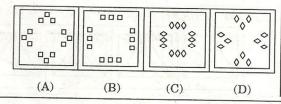


**Directions**: A piece of paper is folded and cut as shown below in the question figures. From the given answer figures, indicate how it will appear when opened.

# 50. Question figures:



# Answer figures :



# FOR VISUALLY HANDICAPPED CANDIDATES ONLY

46. Select the letters that complete the first word and begin the second from the given alternatives.

# FLO(?) TACK

- (A) CK
- (B) OR
- (C) AT
- (D) UR
- 47. At an election 1/2 of voters vote for Anand, half of the remaining vote for Bhuvan and half of the remaining vote for Chaman. 840 persons did not vote. What percent of the entire list did not vote?
  - (A) 8·4
- (B) 8·5
- (C) 12·4
- (D) 12·5
- 48. Amit is shorter than Biju but taller than Chand. Dhruv is shorter than Amit but taller than Chand and Ekta is shorter than Biju but taller than Amit. Who is the tallest person?
  - (A) Biju
- (B) Ekta
- (C) Amit
- (D) Dhruv
- 49. Four books are kept on each other. K is on A, C is below B. If A is above B, then which book is at the top?
  - (A) K
- (B) C
- (C) A
- (D) B
- 50. In a brick furnace there were 100 bricks, out of which  $\frac{1}{4}$  of them were broken into two

and  $\frac{1}{5}$  of them broken into three pieces in the process of heating. How many full bricks were remaining?

- (A) 40
- (B) 45
- (C) 55
- (D) 56

# PART B

# GENERAL AWARENESS

<ul> <li>(B) Due process of Law</li> <li>(C) Procedure established by Law</li> <li>(D) Precedents and Conventions</li> <li>(C) Revaluation</li> <li>(D) Deflation</li> <li>(E) Revaluation</li> <li>(D) Deflation</li> <li>(E) Revaluation</li> <li>(D) Deflation</li> <li>(E) Revaluation</li> <li>(E) Deflation</li> <li>(E) Revaluation</li> <li>(E) Deflation</li> <li>(E) Revaluation</li> <li>(E) Deflation</li> <li>(E) Revaluation</li> <li>(E) Deflation</li> <li>(E) Deflation</li> <li>(E) Deflation</li> <li>(E) Deflation</li> <li>(E) Deflation</li> <li>(E) Deflation</li> <li>(E) Revaluation</li> <li>(E) Deflation</li> <li>(E) Revaluation</li> <li>(E) Revaluation</li> <li>(E) Deflation</li> <li>(E) Revaluation</li> <li>(E) Deflation</li> <li>(E) Revaluation</li> <li>(E) Revaluation</li> <li>(E) Revaluation</li> <li>(D) Deflation</li> <li>(E) Revaluation</li> <li>(D) Deflation</li> <li>(E) Revaluation</li> <li>(D) Pensioners</li> <li>(E) Middle class</li> <li>(D) Rich</li> <li>(E) Revaluation</li> <li>(D) Pensioners</li> <li>(E) Middle class</li> <li>(D) Rich</li> <li>(E) Revaluation</li> <li>(E) Revaluation</li> <li>(D) Pensioners</li> <li>(E) Middle class</li> <li>(D) Rich</li> <li>(E) Revaluation</li> <li>(E) Revaluation</li> <li>(E) Revaluation</li> <li>(E) Revaluation</li> <li>(D) Pensioners</li> <li>(E) Middle class</li> <li>(D) Rich</li> <li>(E) Revaluation</li> <li>(E) Revaluation</li> <li>(E) Revaluation</li> <li>(D) Pensioners</li> <li>(E) Middle class</li> <li>(D) Rich</li> <li>(E) Revaluation</li> <li>(D) Pensioners</li> <li>(E) Middle class</li> <li>(D) Rich</li> <li>(E) 2005 – 06</li> <li>(D) 2004 – 05</li> <li>(E) 2005 – 06</li> <li>(E) 2005 – 06</li> <li>(E) 2005 – 06</li> <li>(E) 2004 – 05</li> &lt;</ul>	on is 56. When there is an official change in the exchange rate of domestic currency, then it
<ul> <li>(C) Procedure established by Law</li> <li>(D) Precedents and Conventions</li> <li>(C) Revaluation</li> <li>(D) Deflation</li> <li>(E) Revaluation</li> <li>(D) Deflation</li> <li>(E) Revaluation</li> <li>(D) Deflation</li> <li>(E) Revaluation</li> <li>(E) Revaluation</li> <li>(E) Revaluation</li> <li>(E) Deflation</li> <li>(E) Revaluation</li> <li>(E) Deflation</li> <li>(E) Revaluation</li> <li>(E) Revaluation</li> <li>(E) Deflation</li> <li>(E) Revaluation</li> <li>(E) Deflation</li> <li>(E) Revaluation</li> <li>(A) Pensioners</li> <li>(C) Middle class</li> <li>(D) Rich</li> <li>(E) Revaluation</li> <li>(A) Pensioners</li> <li>(C) Middle class</li> <li>(D) Rich</li> <li>(E) Revaluation</li> <li>(E) Rev</li></ul>	is called
<ul> <li>(D) Precedents and Conventions</li> <li>(C) Revaluation</li> <li>(D) Deflation</li> <li>(E) Deflation</li> <li>(E) Deflation</li> <li>(D) Deflation</li> <li>(E) Revaluation</li> <li>(D) Deflation</li> <li>(E) Deflation</li> <li>(A) Pensioners</li> <li>(B) Poor</li> <li>(C) Middle class</li> <li>(D) Rich</li> <li>(E) Revaluation</li> <li>(D) Deflation</li> <li>(A) Pensioners</li> <li>(B) Poor</li> <li>(C) Middle class</li> <li>(D) Rich</li> <li>(E) Deflation</li> <li>(A) Pensioners</li> <li>(B) Poor</li> <li>(C) Middle class</li> <li>(D) Rich</li> <li>(E) Deflation</li> <li>(E) Def</li></ul>	(A) Appreciation
<ul> <li>52. The Drafting of the Constitution was completed on  (A) 26<sup>th</sup> January 1950 (B) 26<sup>th</sup> December 1949 (C) 26<sup>th</sup> November 1949 (D) 30<sup>th</sup> November 1949 (E) 40<sup>th</sup> November 1949 (E) 40<sup></sup></li></ul>	(B) Depreciation
<ul> <li>52. The Dratting of the Constitution was completed on  (A) 26<sup>th</sup> January 1950 (B) 26<sup>th</sup> December 1949 (C) 26<sup>th</sup> November 1949 (D) 30<sup>th</sup> November 1949 (E) 30<sup>th</sup> November 1949 (E) 30<sup>th</sup> November 1949 (E) Middle class (E) Middle class (E) Rich</li> <li>53. Who was the President of the Constituent Assembly? (A) Pt. Jawahar Lal Nehru (B) Sardar Patel (C) Dr. Rajendra Prasad (D) Dr. B.R. Ambedkar</li> <li>54. Which innovative discussion process is introduced by the Indian Parliament to the World Parliamentary systems?</li> <li>57. Inflation redistributes income and wealth favour of (A) Pensioners (B) Poor (C) Middle class (D) Rich</li> <li>58. The fringe benefit tax was introduced in the budget of (A) 2003 – 04 (B) 2004 – 05 (C) 2005 – 06 (D) 2006 – 07</li> <li>59. In the Budget estimates for 2011 – 12, an allocation of ₹ 400 crore has been made to bring in a green revolution in the East in the cropning system of € 100 cropning systems of the constituent favour of favour</li></ul>	그런 그의 사용에게 없는 것, 하면 함께 가장하면 하는 것이 되었다. 그는 사람들은 이 없었다.
<ul> <li>(B) 26<sup>th</sup> December 1949</li> <li>(C) 26<sup>th</sup> November 1949</li> <li>(D) 30<sup>th</sup> November 1949</li> <li>(E) Middle class</li> <li>(D) Rich</li> <li>(E) 2003 – 04</li> <li>(E) 2004 – 05</li> <li>(E) 2005 – 06</li> <li>(E) 2005 – 06</li> <li>(E) Middle class</li> <li>(D) Rich</li> <li>(E) Middle class</li> <li>(D) Rich</li> <li>(E) 2003 – 04</li> <li>(E) 2004 – 05</li> <li>(E) 2005 – 06</li> <li>(E) 2005 – 06</li> <li>(E) 2005 – 06</li> <li>(E) Middle class</li> <li>(D) Rich</li> <li>(E) 2003 – 04</li> <li>(E) 2004 – 05</li> <li>(E) 2005 – 06</li> <li>(E) 2005 – 06</li> <li>(E) Middle class</li> <li>(D) Rich</li> <li>(E) 2005 – 06</li> <li>(E) Middle class</li> <li>(D) Rich</li> <li>(E) 2005 – 06</li> <li>(E) 2006 – 07</li> <li>(E) 2007 – 06</li> <li>(E) 2008 – 07</li> <li>(E) 2008 – 08</li> <li>(E) 2008 – 09</li> <li>(E) 2008 – 09</li> <li>(E) 2008 – 09</li> <li>(E) 2008 – 09</li> <li>(E) 2008 – 09</li></ul>	
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<ul> <li>(B) Sardar Patel</li> <li>(C) Dr. Rajendra Prasad</li> <li>(D) Dr. B.R. Ambedkar</li> <li>(A) 2003 - 04</li> <li>(B) 2004 - 05</li> <li>(C) 2005 - 06</li> <li>(D) 2006 - 07</li> <li>(E) 2005 - 06</li> <li>(E) 2006 - 07</li> <li>(E) 2005 - 06</li> <li>(E) 2006 - 07</li> <li>(E) 2005 - 06</li> <li>(E) 2006 - 07</li> <li>(E) 2006 - 07&lt;</li></ul>	
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<ul> <li>(D) Dr. B.R. Ambedkar</li> <li>(C) 2005-06 (D) 2006-07</li> <li>(D) 2006-07</li> <li>(E) 2005-06 (D) 2006-07</li> <li>(D) 2006-07</li> <li>(E) 2005-06 (D) 2006-07</li> <li>(E) 2005-06 (D)</li></ul>	(A) 2003 – 04 (B) 2004 05
World Parliamentary systems?  World Parliamentary systems?	(C) 900F 00
IAI (Intogram la	The Dudget estimated for 2011 10
(A) Question hour (B) Zero hour (C) (A) Wheat (B) Rice	(A) Wheat (B) Rice
(C) Resolutions (C) Jowar (D) Pulses	(C) I
(D) Presidential speech	and the second s
55. The Judges of the Supreme Court retire at the age of  As announced by the Finance Minister in his budget speech on 28-2-2011, the income tax exemption limit for individuals other than senior citizens and women has been raised to	exemption limit for individuals other than
(A) 60 years (B) 65 years (A) $\gtrsim 1,80,000$ (B) $\gtrsim 1.90,000$	(A) = 1 00 000
(C) 62 years (D) 58 years (C) ₹ 2,00,000 (D) ₹ 2,50,000	(0) = 0.00

Who among the following British persons admitted the Revolt of 1857 as a national revolt?

- (A) Lord Dalhousie
- (B) Lord Canning
- (C) Lord Ellenborough
- (D) Disraeli

The Greek ambassador sent to Chandragupta Maurya's court was

- (A) Kautilya
- (B) Seleucus Nicator
- (C) Megasthenes
- (D) Justin

Identify the European power from whom Shivaji obtained cannons and ammunition.

- (A) The French
- (B) The Portuguese
- (C) The Dutch
- (D) The English

The call of "Back to the Vedas" was given by

- (A) Swami Vivekananda
- (B) Swami Dayanand Saraswati
- (C) Aurobindo Ghosh
- (D) Raja Ram Mohan Roy

Simon Commission was boycotted by the nationalist leaders of India because

- (A) they felt that it was only an eyewash
- (B) all the members of the Commission were English
- (C) the members of the Commission were biased against India
- (D) it did not meet the demands of the Indians

- **66.** The lowest layer of the atmosphere is
  - (A) Stratosphere
  - (B) Thermosphere
  - (C) Troposphere
  - (D) Mesosphere
- 67. The Konkan Railway connects
  - (A) Goa Mangalore
  - (B) Roha Mangalore
  - (C) Kanyakumari Mangalore
  - (D) Kanyakumari Mumbai
- 68. Bark of this tree is used as a condiment -
  - (A) Cinnamon
- (B) Clove
- (C) Neem
- (D) Palm
- **69.** How much of the Earth's land surface is desert?
  - (A)  $1/10^{th}$
- (B)  $1/5^{th}$
- (C) 1/3<sup>rd</sup>
- (D)  $1/6^{th}$
- 70. Which of the following is called the 'shrimp capital of India'?
  - (A) Mangalore
- (B) Nagapatnam
- (C) Kochi
- (D) Nellore
- 71. River Indus originates from
  - (A) Hindukush range
  - (B) Himalayan range
  - (C) Karakoram range
  - (D) Kailash range

		Blocks of the Central Secretariat in Delhi?
(A) gravity (B) winds	*	(A) Sir Edward Lutyens
		(B) Herbert Baker
		(C) Robert Tor Russell
(D) rotation of the Earth		(D) Antonin Raymond
The function of ball bearings in a wheel is		
(A) to increase friction	78.	Saliva helps in the digestion of
(B) to convert kinetic friction into rolling		(A) Fats (B) Starch
friction		(C) Proteins (D) Vitamins
(C) to convert static friction into kinetic friction	79.	The longest bone in the human body is
(D) just for convenience		(A) Ulna (B) Humerus
the foots post 6 tags but to so of o ted		(C) Femur (D) Tibia
'Shock-absorbers' are usually made of steel as it		
(A) is not brittle	80.	Red data book gives information about species which are
(B) has lower elasticity		(A) extinct (B) endangered
(C) has higher elasticity		(C) dangerous (D) rare
(D) has no ductile property		IS THE STATE OF TH
	81.	Which of the following is the smallest bird?
The first computer made available for commercial use was		(A) Pigeon
(A) MANIAC		(B) Parrot
(B) ENIAC		(C) Humming bird
(C) UNIVAC		(D) House sparrow
(D) EDSAC	H'	. प्रदेश के संदेश के विकास के साथ है। इस
	82.	The time period of a pendulum when taken to the Moon would
A communication network which is used by large organizations over regional, national or		(A) remain the same
global area is called		(B) decrease
(A) LAN (B) WAN	Jr- U	(C) become zero
(C) MAN (D) VAN	. 120	(D) increase
	<ul> <li>(A) to increase friction</li> <li>(B) to convert kinetic friction into rolling friction</li> <li>(C) to convert static friction into kinetic friction</li> <li>(D) just for convenience</li> <li>'Shock-absorbers' are usually made of steel as it</li> <li>(A) is not brittle</li> <li>(B) has lower elasticity</li> <li>(C) has higher elasticity</li> <li>(D) has no ductile property</li> <li>The first computer made available for commercial use was</li> <li>(A) MANIAC</li> <li>(B) ENIAC</li> <li>(C) UNIVAC</li> <li>(D) EDSAC</li> <li>A communication network which is used by large organizations over regional, national or global area is called</li> <li>(A) LAN</li> <li>(B) WAN</li> </ul>	(C) clouds (D) rotation of the Earth  The function of ball bearings in a wheel is (A) to increase friction (B) to convert kinetic friction into rolling friction (C) to convert static friction into kinetic friction (D) just for convenience  Shock-absorbers' are usually made of steel as it (A) is not brittle (B) has lower elasticity (C) has higher elasticity (D) has no ductile property  The first computer made available for commercial use was (A) MANIAC (B) ENIAC (C) UNIVAC (D) EDSAC  A communication network which is used by large organizations over regional, national or global area is called (A) LAN (B) WAN

Indian Army's Operation 'Saiyam' was 88. related to

- (A) Kashmir
- (B) Indo-China Border in the Central Region
- (C) North-East
- (D) Indo-Pak Border in Punjab and Rajasthan

Which of the following could be used as fuel in propellant or rockets?

- (A) Liquid Hydrogen + Liquid Nitrogen
- (B) Liquid Oxygen + Liquid Argon
- (C) Liquid Nitrogen + Liquid Oxygen
- (D) Liquid Hydrogen + Liquid Oxygen

The addition of gypsum to portland cement helps in

- (A) increasing the strength of cement
- (B) rapid setting of cement
- (C) preventing rapid setting of cement
- (D) reduction in the cost of cement

White lung disease is prevalent among the workers of

- (A) Paper industry
- (B) Cement industry
- (C) Cotton industry
- (D) Pesticide industry

Iodoform is used as an

- (A) antipyretic
- (B) analgesic
- (C) antiseptic
- (D) anaesthetic

- 88. An artificial ecosystem is represented by
  - (A) pisciculture tank
  - (B) agricultural land
  - (C) zoo
  - (D) aquarium
- 89. The constituents of automobile exhaust that can cause cancer is/are
  - (A) Oxides of nitrogen
  - (B) Carbon monoxide
  - (C) Polycyclic hydrocarbons
  - (D) Lead
- 90. The optimum dissolved oxygen level (in mg/litre) required for survival of aquatic organisms is
  - (A) 4-6
- (B) 2-4
- (C) 8-10
- (D) 12-16
- 91. The world's only floating national park is situated in
  - (A) Manipur
  - (B) Kuala Lumpur
  - (C) Bilaspur
  - (D) Dispur
- 92. According the latest Education Development Index' based on a series of surveys conducted by the National University of Education, Planning and Administration and released in February, 2011, the state with the highest Development Index is
  - (A) Tamil Nadu
- (B) Kerala
- (C) Punjab
- (D) Gujarat

The 'Project Snow Leopard' to conserve the endangered species, launched by the Union Ministry of Environment and Forests covers the states of

- (A) Jammu & Kashmir and Himachal Pradesh only
- (B) Jammu & Kashmir, Himachal Pradesh and Uttarakhand only
- (C) Jammu & Kashmir, Himachal Pradesh, Uttarakhand and Arunachal Pradesh only
- (D) Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Arunachal Pradesh and Sikkim

In the Railway Budget for 2011-12, an outlay of  $\stackrel{?}{\sim} 57,630$  crore has been announced for adding new lines with length of

- (A) 1000 km
- (B) 1200 km
- (C) 1300 km
- (D) 1500 km

The strong earthquake-cum-tsunami which has moved Japan's main island by a few feet and has caused the Earth's axis to wobble is expected to lead to the shortening of the day by

- (A) 1.6 microseconds
- (B) 2.3 microseconds
- (C) 3.1 microseconds
- (D) 3.4 microseconds

- **96.** Which of the following folk/tribal dances is associated with Uttar Pradesh?
  - (A) Veedhi
- 3) Thora
- (C) Tamasha
- (D) Rauf
- 97. Which of the following books has been written by Atiq Rahimi?
  - (A) Earth and Ashes
  - (B) This Savage Rite
  - (C) The Red Devil
  - (D) Witness the Night
- 98. Who is the recepient of the Sahitya Akademi Award 2010 in Hindi Literature category?
  - (A) Uday Prakash
  - (B) Laxman Dubey
  - (C) Nanjil Nandan
  - (D) Mangat Badal
- 99. The 2010 FIFA World Cup Final was held at
  - (A) Paris
  - (B) Berlin
  - (C) Johannesburg
  - (D) London
- 100. Who of the following received Sangeet Natak Akademi's Ustad Bismillah Khan Yuva Puruskar for 2009 in 'Hindustani Vocal Music'?
  - (A) Omkar Shrikant Dadarkar
  - (B) Ragini Chander Shekar
  - (C) Abanti Chakravorty and Sukracharya Rabha
  - (D) K. Nellai Manikandan

# PART C

# NUMERICAL APTITUDE

101. The value of

$$\frac{3\sqrt{2}}{\sqrt{3} + \sqrt{6}} - \frac{4\sqrt{3}}{\sqrt{6} + \sqrt{2}} + \frac{\sqrt{6}}{\sqrt{3} + \sqrt{2}} \text{ is}$$

- (A) 4
- (C)  $\sqrt{2}$
- (D) 3√6
- 102.  $\sqrt{6+\sqrt{6+\sqrt{6+\dots}}} = ?$
- (B) 3
- (C) 6
- (D) 6·3
- 103. The square root of  $\left(\frac{\sqrt{3} + \sqrt{2}}{\sqrt{3} \sqrt{2}}\right)$  is

  - (A)  $\sqrt{3} + \sqrt{2}$  (B)  $\sqrt{3} \sqrt{2}$

  - (C)  $\sqrt{2} \pm \sqrt{3}$  (D)  $\sqrt{2} \sqrt{3}$
- 104. The remainder when 3<sup>21</sup> is divided by 5 is
  - (A) 1
- (B) 2
- (C) 3
- (D) 4
- 105. The value of  $\frac{2\frac{1}{3} 1\frac{2}{11}}{3 + \frac{1}{1}}$  is
- 109
- (C) 1
- 109
- **106.** The last digit of  $(1001)^{2008} + 1002$  is
  - (A) 0
- (B) 3
- (C) 4

- is equal to

- 108. If the sum of two numbers be multiplied by each number separately, the products so obtained are 247 and 114. The sum of the numbers is
  - (A) 19
- (B) 20
- (C) 21
- (D) 23
- 109. Find a number, one-seventh of which exceeds its eleventh part by 100.
  - (A) 1925
- (B) 1825
- (C) 1540
- (D) 1340
- 110. If  $x * y = (x + 3)^2 (y 1)$ , then the value of 5 \* 4 is
  - (A) 192
- (B) 182
- (C) 180
- (D) 172
- 111.  $\frac{(0.05)^2 + (0.41)^2 + (0.073)^2}{(0.005)^2 + (0.041)^2 + (0.0073)^2}$  is
  - (A) 10
- (B) 100
- (C) 1000
- (D) None of these
- 112. If  $9\sqrt{x} = \sqrt{12} + \sqrt{147}$ , then x = ?
- (B) 3
- (C) 4
- (D) 5

- 113. A and B can complete a piece of work in 8 days, B and C can do it in 12 days, C and A can do it in 8 days. A, B and C together can complete it in
  - (A) 4 days
- (B) 5 days
- (C) 6 days
- (D) 7 days
- 114. X is 3 times as fast as Y and is able to complete the work in 40 days less than Y. Then the time in which they can complete the work together is
  - (A) 15 days
- (B) 10 days
- (C)  $7\frac{1}{2}$  days
- (D) 5 days
- 115. A copper wire is bent in the shape of a square of area 81 cm<sup>2</sup>. If the same wire is bent in the form of a semicircle, the radius (in cm) of the semicircle is (Take  $\pi = \frac{22}{7}$ )
  - (A) 16
- (B) 14
- (C) 10
- (D) 7
- 116. The volume (in m<sup>3</sup>) of rain water that can be collected from 1.5 hectares of ground in a rainfall of 5 cm is
  - (A) 75
- (B) 750
- (C) 7500
- (D) 75000
- 117. A river 3 m deep and 40 m wide is flowing at the rate of 2 km per hour. How much water (in litres) will fall into the sea in a minute?
  - (A) 4,00,000
- (B) 40,00,000
- (C) 40,000
- (D) 4,000

5

SPACE FOR ROUGH WORK

- 118. The L.C.M. of three different numbers is 120. Which of the following *cannot* be their H.C.F.?
  - (A) 8
- (B) 12
- (C) 24
- (D) 35
- 119. A number when divided by 49 leaves 32 as remainder. This number when divided by 7 will have the remainder as
  - (A) 4
- (B) 3
- (C) 2
- (D) 5
- 120. In an examination a student scores 4 marks for every correct answer and loses 1 mark for every wrong answer. If he attempts all 75 questions and secures 125 marks, the number of questions he attempts correctly is
  - (A) 35
- (B) 40
- (C) 42
- (D) 46
- 121. The traffic lights at three different road crossings change after 24 seconds, 36 seconds and 54 seconds respectively. If they all change simultaneously at 10:15:00 AM, then at what time will they again change simultaneously?
  - (A) 10:16:54 AM
  - (B) 10:18:36 AM
  - (C) 10:17:02 AM
  - (D) 10:22:12 AM
- 122. A can do a work in 12 days. When he had worked for 3 days, B joined him. If they complete the work in 3 more days, in how many days can B alone finish the work?
  - (A) 6 days
- (B) 12 days
- (C) 4 days
- (D) 8 days

- 123. Among three numbers, the first is twice the 128. What single discount is equivalent to two second and thrice the third. If the average of the three numbers is 49.5, then the difference between the first and the third number is
  - (A) 54
- (B) 28
- (C) 39.5
- (D) 41.5
- 124. The mean of 50 numbers is 30. Later it was discovered that two entries were wrongly entered as 82 and 13 instead of 28 and 31. Find the correct mean.
  - 36.12
- (B) 30.66
- (C) 29·28
- 38.21
- 125. A bicycle wheel makes 5000 revolutions in moving 11 km. Then the radius of the wheel (in cm) is (Take  $\pi =$ 
  - (A) 70
- (B) 35
- (C) 17·5
- (D) 140
- The perimeter of a triangle is 40 cm and its area is 60 cm<sup>2</sup>. If the largest side measures 17 cm, then the length (in cm) of the smallest side of the triangle is
- (A) 4
- (B)
- (C)
- (D) 15
- 127. A shopkeeper allows a discount of 10% to his customers and still gains 20%. Find the marked price of the article which costs ₹ 450.
  - (A) ₹ 600
- (B) ₹ 540
- (C) ₹ 660
- (D) ₹ 580

- successive discounts of 20% and 15%?
  - (A) 35%
- (B) 32%
- (C) 34%
- 30% (D)
- In a business partnership among A, B, C and D, the profit is shared as follows:

 $\underline{B's \text{ share}} = \underline{C's \text{ share}} =$ A's share B's share C's share

D's share

If the total profit is ₹ 4,00,000, the share of C

- (A) ₹ 1,12,500
- (B) ₹ 1,37,500
- (C) ₹ 90,000
- (D) ₹ 2,70,000
- 130. A can contains a mixture of two liquids A and B in the ratio 7:5. When 9 litres of mixture are drawn off and the can is filled with B, the ratio of A and B becomes 7:9. Litres of liquid A contained by the can initially was
  - (A) 10
- (B) 20
- (C) 21
- (D)
- 131. What number should be added to or subtracted from each term of the ratio 17:24 so that it becomes equal to 1:2?
  - (A) 5 is subtracted
  - (B) 10 is added
  - (C) 7 is added
  - (D) 10 is subtracted
- 132. The ratio of weekly incomes of A and B is 9:7 and the ratio of their expenditures is 4:3. If each saves ₹ 200 per week, then the sum of their weekly incomes is
  - (A) ₹ 3,600
- ₹ 4,200 (B)
- ₹ 4,800 (C)
- (D) ₹ 5,600

SPACE FOR ROUGH WORK

33.	If 30% of A is added to 40% of B, the answer is 80% of B. What percentage of A is B?  (A) 30% (B) 40%  (C) 70% (D) 75%	138.	sold prof hors	rader bought two horses for ₹ 19,500. He lone at a loss of 20% and the other at a fit of 15%. If the selling price of each se is the same, then their cost prices are pectively
34.	A man can row 6 km/h in still water. If the speed of the current is 2 km/h, it takes		(A)	₹ 10,000 and ₹ 9,500
	3 hours more in upstream than in the		(B)	₹ 11,500 and ₹ 8,000
	downstream for the same distance. The	Bols I	(C)	₹ 12.000 and ₹ 7.500

(A) 30 km (B) 24 km (C) 20 km

(D)

32 km

- 135. If the selling price of 10 articles is equal to the cost price of 11 articles, then the gain percent is
- 10 (A) (B) 11 (C) 15 (D) 25
- 136. While selling a watch, a shopkeeper gives a discount of 5%. If he gives a discount of 6%, he earns ₹ 15 less as profit. What is the marked price of the watch?
  - (A) ₹ 1,250
- (B) ₹ 1,400
- (C) ₹ 1,500
- (D) ₹ 750
- 137. Krishna purchased a number of articles at ₹ 10 for each and the same number for ₹ 14 each. He mixed them together and sold them for ₹ 13 each. Then his gain or loss percent

  - (A) Loss  $8\frac{1}{3}\%$  (B) Gain  $8\frac{2}{3}\%$
  - (C) Loss  $8\frac{2}{3}\%$  (D) Gain  $8\frac{1}{3}\%$

- (D) ₹ 10,500 and ₹ 9,000 139. The cost price of an article is 40% of the selling price. What percent of the cost price
  - 140%

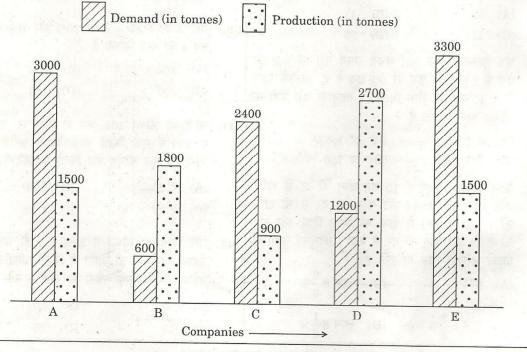
is the selling price ?

- 200%
- 220%
- (D) 250%
- **140.** If 90% of A = 30% of B and B = 2x% of A, then the value of x is
  - (A) 450
- (B) 400
- (C) 300
- (D) 150
- 141. When the price of sugar decreases by 10%, a man could buy 1 kg more for ₹270. Then the original price of sugar per kg is
  - (A) ₹ 25
- (B) ₹ 30
- (C) ₹ 27
- (D) ₹ 32
- 142. If the price of sugar is raised by 25%, find by how much percent a householder must reduce his consumption of sugar so as not to increase his expenditure?
  - (A) 10
- (B) 20
- (C) 18
- (D) 25



143. The difference between the compound 145. A sum of money placed at compound interest interest and simple interest on ₹ 10,000 for doubles itself in 4 years. In how many years 2 years is ₹ 25. The rate of interest per will it amount to four times itself? annum is (A) 12 years (A) 5% (B) 13 years (B) 7% (C) 10% (D) 12% 8 years (D) 16 years 144. A student goes to school at the rate of The simple interest on a sum for 5 years is km/h and reaches 6 minutes late. If one-fourth of the sum. The rate of interest he travels at the speed of 3 km/h, he is per annum is 10 minutes early. The distance (in km) (A) (B) 6% between the school and his house is (A) 5 (B) (C) 4% (D) (C) (D)

**Directions**: (Questions No. 147 to 150). The following graph shows the demand and production of cotton by 5 companies A, B, C, D and E. Study the graph and answer questions 147 to 150.



SPACE FOR ROUGH WORK

- 147. The production of company D is how many times that of the production of the company A?
  - (A) 1.8
- (B) 1.5
- (C) 0·5
- (D) 0.4
- **148.** The demand for company B is what percent of the demand for company C?
  - (A) 1.5
- (B) 2·5
- (C) 25
- (D) 30
- **149.** What is the ratio of companies having more demand than production to those having more production than demand?
  - (A) 2:3
- (B) 4:1
- (C) 3:2
- (D) 1:4
- **150.** What is the difference (in tonnes) between average demand and average production of the five companies taken together?
  - (A) 320
- (B) 420
- (C) 2100
- (D) 1050

# FOR VISUALLY HANDICAPPED CANDIDATES ONLY

- 147. A, B and C enter into a partnership with investments in the ratio  $\frac{7}{2}:\frac{4}{3}:\frac{6}{5}$ . After 4 months, A increases his share by 50%. If the total profit at the end of one year be  $\overline{<}$  21,600, then B's share in the profit is
  - (A) ₹ 2,100
- (B) ₹ 2,400
- (C) ₹ 3,600
- (D) ₹ 4,000
- 148. A person travels 48 km at 12 km/h and further 48 km at 16 km/h. His average speed for the whole journey, in km/h, is
  - (A) 14
- (B)  $13\frac{4}{7}$
- (C)  $12\frac{3}{7}$
- (D)  $13\frac{5}{7}$
- 149. The H.C.F. and L.C.M. of two numbers are 13 and 1989 respectively. If one of the numbers is 117, determine the other.
  - (A) 121
- (B) 143
- (C) 217
- (D) 221
- **150.** A sphere of radius r and a cylinder of the base radius r have equal volumes. If the height of the cylinder is h, then which of the following is true?
  - $(A) \quad 4r = 3h$
- (B) 4r = h
- (C) h = 3r
- (D) h = 2r

# PART D ENGLISH COMPREHENSION

**Directions:** In questions no. 151 to 155, some of the sentences have errors and some are correct. Find out which part of a sentence has an error and blacken the rectangle  $[\ \ \ \ \ ]$  corresponding to the appropriate letter (A, B, C). If a sentence is free from errors, blacken the rectangle corresponding to (D) in the Answer Sheet.

151.	His son is working very hardly. No error.		
	(A) (B) (C) (D)		PROFESSION TO STREET AND AND
152.	Do you know that it was I who has done this	s piec	ce of beautiful work? No error.
	(A) (B)		(C) (D)
153.	The company has ordered some new equipme	ents.	No error.
	(A) (B) (C)		(D)
154.	The future of food companies seems quite see	eure o	owed to ever-growing demand. No error.
	(A) (B)		(C) (D)
155.	The vaccine when hit the Indian market is a	doggeo	d by controversy. No error.
	(A) (B)		(C) (D)
appro for ed of th appro	given with blanks to be filled in with an oppriate word(s). Four alternatives are suggested ach question. Choose the correct alternative out the four and indicate it by blackening the oppriate rectangle [ ] in the Answer Sheet.  If you had followed the rules, you	159.	<ul> <li>(A) In the event of</li> <li>(B) Due to</li> <li>(C) According to</li> <li>(D) In reference to</li> <li>you leave now, you will be late.</li> </ul>
			(A) Until (B) Till
	(B) would not be		
	(C) will not have been		(C) Unless (D) Although
157.		160.	The were arrested for illegally hunting the bears.
	and ran to switch off the oven.		(A) poachers (B) rangers
	<ul><li>(A) smell</li><li>(B) smells</li><li>(C) smelt</li><li>(D) smelling</li></ul>		(C) soldiers (D) villagers

**Directions**: In questions no. 161 to 165, out of the four alternatives, choose the one which best expresses the meaning of the given word and mark it in the Answer Sheet.

#### 161. GENIAL

- (A) Cordial
- (B) Unselfish
- (C) Careful
- (D) Specific

## 162. ACCRUE

- (A) Accumulate
- (B) Accommodate
- (C) Grow
- (D) Suffice

# 163. LOQUACIOUS

- (A) Talkative
- (B) Slow
- (C) Content
- (D) Unclear

# 164. VINDICTIVE

- (A) Imaginative
- (B) Accusative
- (C) Spiteful
- (D) Aggressive

## 165. INCLEMENT

- (A) Selfish
- (B) Active
- (C) Unfavourable
- (D) Inactive

**Directions**: In questions no. 166 to 170, choose the word opposite in meaning to the given word and mark it in the Answer Sheet.

# 166. SYNTHETIC

- (A) Natural
- (B) Plastic
- (C) Cosmetic
- (D) Apathetic

#### 167. ACCORD

- (A) Disagreement
- (B) Welcome
- (C) Disrespect
- (D) Conformity

# 168. INFIRMITY

- (A) Employment
- (B) Indisposition
- (C) Strength
- (D) Weakness

# 169. FEASIBLE

- (A) Useful
- (B) Impractical
- (C) Uneven
- (D) Important

## 170. METICULOUS

- (A) Forgetful
- (B) Destructive
- (C) Careless
- (D) Flagrant

Directions: In questions no. 171 to 175, four alternatives are given for the meaning of the given Idiom/Phrase. Choose the alternative which best expresses the meaning of the Idiom/Phrase and mark it in the Answer Sheet.

# 171. To be all at sea

- (A) a family voyage
- (B) lost and confused
- (C) in the middle of the ocean
- (D) a string of islands

## 172. To take to one's heels

- (A) to walk slowly
- (B) to run away
- (C) to march forward
- (D) to hop and jump

# 173. To bite the dust

- (A) eat voraciously
- (B) have nothing to eat
- (C) eat roots
- (D) None of the above

# 174. A bolt from the blue

- (A) a delayed event
- (B) an inexplicable event
- (C) an unexpected event
- (D) an unpleasant event

# 175. Cold comfort

- (A) absurdity
- (B) deception
- (C) slight satisfaction
- (D) foolish proposal

Directions: In questions no. 176 to 180, a sentence 180. We generally select one of the most or underlined part thereof is given which may need improvement. Alternatives are given at (A), (B) and (C) below, which may be a better option. In case no improvement is needed, your answer is (D). Blacken the appropriate rectangle [ ] in the Answer Sheet.

- 176. My friend lives in a nearby street whose name I have forgotten.
  - (A) the name of which
  - which name
  - (C) of which name
  - (D) No improvement
- 177. He both won a medal and a scholarship.
  - (A) He won a medal and a scholarship both.
  - (B) Both he won a medal and a scholarship.
  - (C) He won both a medal and a scholarship.
  - (D) No improvement
- 178. He has for good left India.
  - (A) He has left for good India.
  - He has left India for good.
  - (C) Good he has left India.
  - (D) No improvement
- 179. We are credibly informed that the murderer has given himself up.
  - (A) We are informed that the murderer has credibly given himself up.
  - We are informed that the murderer has given credibly himself up.
  - (C) We are informed that credibly the murderer has given up himself.
  - (D) No improvement

- intelligent student of the school for this award.
  - (A) one of the most intelligent students of
  - one of the intelligent most students of the school
  - one of the intelligent most student of the school
  - (D) No improvement

Directions: In questions no. 181 to 185, out of the four alternatives, choose the one which can be substituted for the given words/sentence and indicate it by blackening the appropriate rectangle [ ] in the Answer Sheet.

- 181. Pertaining to cattle
  - (A) Canine
- (B) Feline
- Bovine
- (D) Verminous
- 182. To look at someone in an angry threatening way
  - Glower (A)
- (B) Gnaw
- Gnash
- Grind (D)
- 183. A post with little work but high salary
  - Director
- (B) Trustee
- Sinecure
- Ombudsman
- 184. Something that causes death
  - (A) Dangerous
- (B) Fatal
- Brutal
- (D) Horrible
- 185. A person who writes decoratively
  - Calligrapher
  - (B) Collier
  - (C) Choreographer
  - Cartographer

Direc	ction	s: In questions	no. 18	6 to 190, groups of	191.	(A)	problem	(B)	question
correc	ctly s	s are given. In pelt. Find the answer in the A	correct	group, one word is ly spelt word and Sheet.	7.3	(C)	matter	(D)	query
186.		malaign	(B)	arraign	192.	(A)	around	(B)	out
	(C)	asigne	(D)	degine		(C)	about	(D)	on
187.	(A)	harrassment	(B)	embarrasment	e manyo				
	(C)	fulfilment	(D)	denoument	193.	(A)	since	(B)	during
188.	(A)	agnostik	(B)	accomplice		(C)	around	(D)	from
	(C)	advercity	(D)	acrimonous					
189.	(A)	dysentery	(B)	momentery	194.	(A)	ideas	(B)	opinions
	(C)	cemetary	(D)	comentary		(C)	stories	(D)	matters
190.	(A)	ebulient	(B)	jubilant					
	(C)	iminent	(D)	tolerent	195.	(A)	solution	(B)	novel
				40.00		(C)	book	(D)	answer
First what of th	t read	d the passage o about. Then fill ternatives given.	ver and in the	have been left out.  If try to understand  blanks with the help  your answer in the	196.	(A) (C)	read	(B) (D)	think
			(Q. No	s. 191 – 200)				(P)	
		The Solar Syst	tem ha	s been a complicated	197.	(A)	now	(B)	time
wonder for the astronomers. This is a 191 to					(C)	then	(D)	ago	
				ve the exact answer					
Man has wondered 192 the age of the  Earth 193 ancient times. There were all						(A)	Moon	(B)	time
						(C)	Earth	(D)	Mars
kinds of 194 that seemed to have the 195.  But man could not begin to 196 about the							operate d		CAST .
				ntil about 400 year		. (A)	part	(B)	division
	_1	97 .				(C)	opening	(D)	centre
		When it was	prove	ed that the 198					
				and the Earth wa		. (A)	end	(B)	begin
				stem, then scientist	S	(C)	think	(D)	work
knew where to 200.									