Staff Selection Commission

Southern Region

Combined Graduate Level (Tier - I) Examination, 2014

Held on 19-10-14

Morning Session

Test Form No.
टेस्ट फॉर्म संख्या
011 LG 2

Time Allowed : 2 Hours (For V.H. Candidates and Candidates Suffering from Cerebral palsy : 2 hrs. 40 Min.)

Maximum Marks : 200

निर्धारित समय : 2 घण्टे (दृष्टिबाधित एवं सेरिब्रल पाल्सी 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 Language.

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

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

INSTRUCTIONS TO CANDIDATES	उम्मीदवारों के लिए अनुदेश
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 : Quantitative Aptitude (50 Questions) Part-D : English Comprehension (50 Questions)	1. इस पुस्तिका में कुल 200 प्रश्न हैं, जिनमें निम्नलिखित चार भाग शामिल हैं : भाग-क : सामान्य बुद्धिमत्ता एवं तर्कशक्ति (50 प्रश्न) भाग-ख : सामान्य जानकारी (50 प्रश्न) भाग-ग : परिमाणात्मक अभिरुचि (50 प्रश्न) भाग-घ : अंग्रेजी परिज्ञान (50 प्रश्न)
2. In questions set bilingually in English and Hindi language, in case of discrepancy, the English version will prevail.	2. अंग्रेजी और हिन्दी भाषा में तैयार किए गए द्विभाषी प्रश्नों में कोई विसंगति होने की स्थिति में अंग्रेजी विवरण मान्य होगा ।
3. All questions are compulsory and carry equal marks.	3. सभी प्रश्न अनिवार्य हैं तथा सबके बराबर अंक हैं ।
4. The paper carries negative marking. 0.25 marks will be deducted for each wrong answer.	4. प्रश्न पत्र में नकारात्मक अंकन होगा । हर गलत उत्तर के लिए 0.25 अंक काटा जाएगा ।
5. Before you start to answer the questions you must check up this Booklet and ensure that it contains all the pages (1-32) and see that no page is missing or repeated. If you find any defect in this Booklet, you must get it replaced *immediately*.	5. 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 दुबारा तो नहीं आ गया है । यदि आप इस पुस्तिका में कोई त्रुटि पायें, तो तत्काल इसके बदले, दूसरी पुस्तिका ले लें ।
6. You will be supplied the Answer-Sheet separately by the Invigilator. You must complete and code the details of *Name, Roll Number, Ticket Number and Test Form Number* on Side-I of the Answer-Sheet carefully. You must also put your signature and Left-Hand thumb impression on the Answer-Sheet at the prescribed place before you actually start answering the questions. These instructions must be fully complied with, failing which, your Answer-Sheet will not be evaluated and you will be awarded 'ZERO' mark. (V.H. / Cerebral palsy candidates will have to ensure that these details are filled in by the scribe. However, all 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. निरीक्षक द्वारा आपको उत्तर-पत्रिका अलग से दी जायेगी । उत्तर-पत्रिका के Side-I में नियमावली के अनुसार ध्यानपूर्वक अपना *नाम, रोल नम्बर, टिकट नम्बर और टेस्ट फॉर्म संख्या* अवश्य लिखें । प्रश्नों के उत्तर वास्तव में शुरू करने से पहले उत्तर-पत्रिका पर निर्धारित स्थान में आप अपने हस्ताक्षर एवं बायें हाथ के अंगूठे का निशान भी अवश्य लगाएँ । उपर्युक्त अनुदेशों का पूरी तरह अनुपालन किया जाए, अन्यथा आपकी उत्तर-पत्रिका को जाँचा नहीं जाएगा और 'शून्य' अंक दिया जाएगा । (दृष्टिबाधित / सेरिब्रल पाल्सी उम्मीदवार सुनिश्चित करें कि यह विवरण लिपिक द्वारा भरा जाए । परन्तु सभी दृष्टिबाधित / सेरिब्रल पाल्सी उम्मीदवार उत्तर-पत्रिका में निर्धारित स्थान पर अपने बायें हाथ के अंगूठे का निशान अवश्य लगाएँ । जो दृष्टिबाधित / सेरिब्रल पाल्सी उम्मीदवार हस्ताक्षर कर सकते हैं, वे अंगूठे के निशान के अलावा अपने हस्ताक्षर भी करें ।)
7. Answers must be shown by completely blackening the corresponding ovals on Side-II of the Answer-Sheet against the relevant question number by **Black/Blue Ball Point Pen** only. Answers which are not shown by Black/Blue Ball-point Pen will not be awarded any mark.	7. उत्तर-पत्रिका में सभी उत्तर Side-II में प्रश्न संख्या के सामने दिये गये सम्बन्धित अण्डाकार खानों को केवल काले/नीले बॉल-पॉइंट पेन से पूरी तरह काला करके दिखाएँ । जो अण्डाकार खाने काले/नीले बॉल-पॉइंट पेन से नहीं भरे जाएँगे, उनके लिए कोई अंक नहीं दिया जाएगा ।
8. 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.	8. ओ.एम.आर. उत्तर-पत्रिका में भरी गई कूट सूचना को एक मशीन पढ़ेगी । यदि सूचना अपूर्ण है अथवा आवेदन प्रपत्र में दी गई सूचना से भिन्न है, तो ऐसे अभ्यर्थी को 'शून्य' अंक दिया जाएगा ।
9. The Answer-Sheet must be handed over to the Invigilator before you leave the Examination-Hall.	9. परीक्षा-भवन छोड़ने से पहले परीक्षार्थी को उत्तर-पत्रिका निरीक्षक के हवाले कर देनी चाहिए ।
10. **Failure to comply with any of the above instructions will render a candidate liable to such action / penalty as may be deemed fit.**	10. ऊपर के अनुदेशों में से किसी एक का भी पालन न करने पर उम्मीदवार पर विवेकानुसार कार्यवाही की जा सकती है या दण्ड दिया जा सकता है ।
11. The manner in which the different questions are to be answered has been explained at the back of this Booklet (Page No. 32), which you should read carefully before actually answering the questions.	11. विभिन्न प्रश्नों के उत्तर देने की विधि इस पुस्तिका के पीछे (पृष्ठ संख्या 32) में छपे हुए निर्देशों में दे दी गई है; इसे आप प्रश्नों के उत्तर देने से पहले ध्यानपूर्वक पढ़ लें ।
12. 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. प्रश्नों के उत्तर जितनी जल्दी हो सके तथा ध्यानपूर्वक दें । कुछ प्रश्न आसान तथा कुछ कठिन हैं । किसी एक प्रश्न पर बहुत अधिक समय न लगाएँ ।
13. In lieu of Question Nos. 39 to 50 and 144 to 150, (relating to figural portions, alternate questions have been provided to be attempted by V.H. candidates only.	13. आकृति से सम्बन्धित प्रश्न संख्या 39 से 50 एवं 144 से 150 के बदले में केवल दृष्टिबाधित उम्मीदवारों द्वारा हल किए जाने के लिए वैकल्पिक प्रश्न दिए गए हैं ।
14. **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.**	14. कोई रफ़ कार्य उत्तर-पत्रिका पर नहीं करना है । रफ़ कार्य के लिए स्थान भाग क और भाग ग 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 हॉलों/कमरों में मोबाइल फोन तथा बेतार संचार साधन पूरी तरह निषिद्ध हैं । प्रत्याशियों को उनके अपने हित में सलाह दी जाती है कि मोबाइल फोन/किसी अन्य बेतार संचार साधन को स्विच ऑफ करके भी अपने पास न रखें । इस प्रावधान का अनुपालन न करने को परीक्षा में अनुचित उपायों का प्रयोग माना जाएगा और उनके विरुद्ध कार्यवाई की जाएगी, उनकी अभ्यर्थिता रद्द कर देने सहित ।"

इस पुस्तिका की सील/पॉलीथीन बैग तब तक न खोलें जब तक कहा न जाए

Part – A
GENERAL INTELLIGENCE & REASONING

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

1. Sepal : Flower ::
   - (A) Foot : Ball
   - (B) Tyre : Bicycle
   - (C) Puppy : Dog
   - (D) Sandals : Shoes

2. Demographer : People : : Philatelist : ?
   - (A) Fossils
   - (B) Stamps
   - (C) Photography
   - (D) Music

3. RIAHC : CHAIR : : OGNAM : ?
   - (A) OGNMA
   - (B) TANGO
   - (C) MANGO
   - (D) ANGMO

4. PNS : OOT : : DBH : ?
   - (A) PPI
   - (B) BBI
   - (C) CCI
   - (D) DDB

5. 91 : ? : : 64 : 54
   - (A) 63
   - (B) 101
   - (C) 32
   - (D) 70

6. $\dfrac{2}{3} : \dfrac{19}{29} : : \dfrac{8}{7} : ?$

   (A) $\dfrac{89}{79}$ (B) $\dfrac{79}{79}$ (C) $\dfrac{79}{69}$ (D) $\dfrac{80}{70}$

Directions : In Question Nos. **7** to **12**, find the odd number/letters/number pair from the given alternatives.

7. (A) Paris   (B) Athens
   (C) London   (D) New York

8. (A) Screw driver   (B) Spanner
   (C) Plier   (D) Knife

9. (A) HCBG   (B) LPOK
   (C) FMEL   (D) RJIQ

10. (A) AZBY   (B) CXDW
    (C) EVFU   (D) TGSH

11. (A) 1 0 1   (B) 2 1 2
    (C) 3 2 6   (D) 1 1 1

12. (A) 12 – 144   (B) 13 – 156
    (C) 15 – 180   (D) 16 – 176

13. Arrange the following words as per order in the dictionary :
    1. Recollect
    2. Remember
    3. Report
    4. Repeat
    5. Repeal
    - (A) 1, 3, 2, 4, 5
    - (B) 3, 2, 1, 4, 5
    - (C) 5, 3, 4, 2, 1
    - (D) 1, 2, 5, 4, 3

14. Which one of following responses would be a meaningful order of the following ?
    1. Chapter
    2. Index
    3. Bibliography
    4. Introduction
    5. Preface
    - (A) 2, 4, 1, 3, 2
    - (B) 4, 2, 5, 1, 3
    - (C) 5, 2, 4, 1, 3
    - (D) 5, 1, 4, 3, 2

Directions : In Question Nos. **15** and **16**, a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

15. A, CD, GHI, _ _ ? _ _, UVWXYZ
    - (A) LMNP
    - (B) MNOL
    - (C) NOPL
    - (D) MNOP

16. TMJ, QNL, NON, KPP, ?
    - (A) JQR
    - (B) HQR
    - (C) HQQ
    - (D) IQS

Directions : In Question Nos. **17** and **18**, find out the wrong number in the series.

17. 17, 23, 31, 41, 53, 69
    - (A) 23 (B) 31 (C) 41 (D) 69

18. 27, 81, 1331, 125
    - (A) 125
    - (B) 27
    - (C) 1331
    - (D) 81

19. The ratio of the number of girls to the number of boys in a town is 90%. If the total number of boys and girls in the town is 190, how many girls are in the town ?
    - (A) 100 (B) 110 (C) 90 (D) 80

SPACE FOR ROUGH WORK

20. A card-board box contains 12 pairs each of three different types of hand gloves used by batsman in Cricket. They are separated into single units of gloves and all mixed. You cannot see the gloves from outside, but you can put your hands through the pigeon hole and take out one glove at a time. What will be the minimum number of gloves one should take out to get one perfect pair of gloves to be sure ?
(A) 3   (B) 13   (C) 25   (D) 37

21. Two buses start at the same time from Delhi and Agra, which are 300 km. apart, towards each other. After what time will they cross each other if their speeds are 38 km per hour and 37 km per hour ?
(A) 4 hours   (B) 3 hours
(C) 5 hours   (D) 6 hours

Directions : In Question Nos. **22** to **24,** from the given alternative words, select the word which cannot be formed using the letters of the given word.

22. UNCONTAMINATED
(A) MINE   (B) NATION
(C) CONNOTE   (D) TANDEM

23. PROVINCIALISM
(A) SAILOR   (B) NAIL
(C) MAN   (D) INITIAL

24. DEPARTMENT
(A) ENTER   (B) PARENT
(C) TEMPER   (D) PARADE

25. In a certain language PROSE is coded as PPOQE. How will LIGHT coded ?
(A) LIGFT   (B) LGGHT
(C) LLGFE   (D) LGGFT

26. If 'Development' is written as 'Tnemdevelop', then 'Evaluation' will be written as
(A) Notiaevalu   (B) Noitaulave
(C) Notievalua   (D) Noitevalua

27. If H = 8 and HAT = 29, find how BOX = ?
(A) 46   (B) 43   (C) 42   (D) 41

28. If $7 \times 8 = 49$, $4 \times 4 = 12$ and $6 \times 4 = 18$, what will 9×6 be ?
(A) 54
(B) 50
(C) 45
(D) None of the above

29. Which of the following interchange of sign would make the given equation correct ?
$64 - 8 \times 9 \times 8 = 64$
(A) + and −   (B) ÷ and ×
(C) + and ÷   (D) − and ×

30. If + stands for division; × stands for addition; − stands for multiplication; ÷ stands for subtraction, which of the following is correct ?
a. $15 \div 5 \times 2 - 6 + 3 = 28$
b. $15 \times 5 + 2 - 6 \div 3 = 56.5$
c. $15 + 5 - 2 \div 6 \times 3 = 3$
d. $15 - 5 + 2 \times 6 \div 3 = 41$
(A) c   (B) a   (C) b   (D) d

31. Some equations have been solved on the basis of a certain operation. Find the correct answer for the unsolved equation on that basis.
If $73 * 17 = 45$ and $68 * 40 = 54$, then $83 * 15 = ?$
(A) 49   (B) 64   (C) 69   (D) 79

Directions : In Question Nos. **32** to **34,** select the missing number from the given responses.

32.
14	10	22
2	3	4
7	3	11
4	10	?

(A) 2   (B) 4   (C) 6   (D) 8

33.
6	8	7
36	64	49
24	48	35
18	24	?

(A) 17   (B) 18   (C) 19   (D) 21

34.
5	2	3
3	6	5
4	7	2
60	84	?

(A) 10   (B) 25   (C) 30   (D) 40

SPACE FOR ROUGH WORK

35. Deepak walks 20 metres towards North. He then turns left and walks 40 metres. He again turns left and walks 20 metres. Further he moves 20 metres after turning to the right. How far is he from his original position ?
(A)   20 mts.   (B)   60 mts.
(C)   50 mts.   (D)   30 mts.

36. A is located to the West of B. C is located at North in between A and B. D is exactly to the South of B and also in line with B. In which direction of C is D located ?
(A)   South   (B)   South-East
(C)   West   (D)   South-West

Directions : In Question Nos. **37** and **38**, two statements is given followed by conclusions / inferences. You have to consider the statement to be true, even if it seems to be at variance from commonly known facts. You are to decide which of the given conclusions / inferences can definitely be drawn from the given statement. Indicate your answer.

37. **Statements :** (I) All the watches sold in that shop are made of white metal.
(II) Some of Rico watches are sold in that shop.
Inferences : 1. All watches of white metals are manufactured by Rico.
2. Some of Rico watches are of white metal.
3. None of Rico watches are of white metal.
4. Some of Rico watches of white metal are sold in that shop.
(A)   1 and 2 inferences only
(B)   2 and 4 inferences only
(C)   1 and 3 inferences only
(D)   1 and 4 inferences only

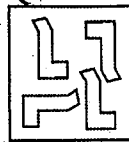**38.** **Statements :** (I) Some students are intelligent.
(II) Ankita is a student.
Conclusions : 1. Some students are dull.
2. Ankita is an intelligent.
(A)   Only 1 follows
(B)   Only 1 and 2 follows
(C)   Only 2 follows
(D)   None follows

39. Identify the Answer figure from which the pieces given in the Question figure have been cut.
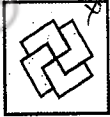**Question Figure :**

Answer Figures :

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

Directions : In Question Nos. **40** and **41**, which among the answer figures can be consructed from the parts given in question figure ?
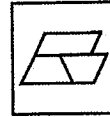
40. **Question Figure :**

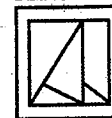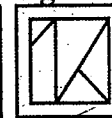**Answer Figures :**

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

41. **Question Figure :**
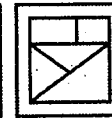

Answer Figures :

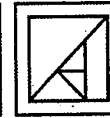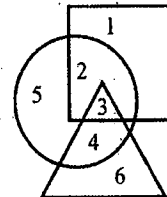(A)   (B)   (C)   (D)

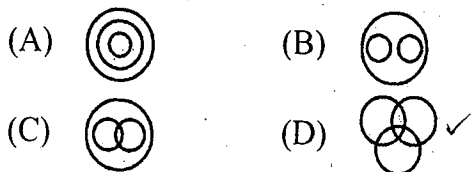**42.** Which of the following number is present only in the circle and the triangle ?
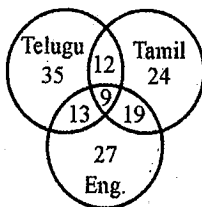

(A)   5   (B)   3   (C)   4   (D)   6

SPACE FOR ROUGH WORK

43. Which one of the following diagrams represents the correct relationship among society, teacher and student ?
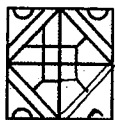
(A) ◎

(B) ⊙⊙

(C) ◯◯

(D) ⊕ ✓

44. Find out the number of all those people who can speak Tamil and Telugu ?
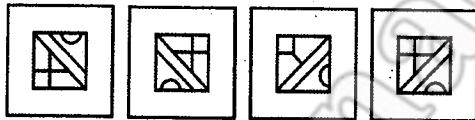

(A) 3   (B) 59 ✓   (C) 21   (D) 112

Directions : In Question Nos. **45** and **46**, which answer figure will complete the pattern in the question figure ?

45. **Question Figure :**

Answer Figures :

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

46. **Question Figure :**

Answer Figures :

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

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

Question Figure :
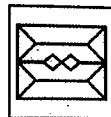
Answer Figures :

(A)   (B)   (C)   (D) ✓

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 :
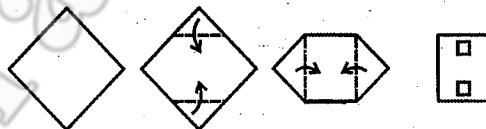
Answer Figures :
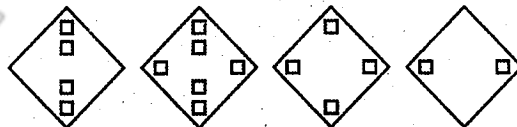
(A)   (B)   (C)   (D)

49. Which of the answer figure is exactly mirror image of the given figure when the mirror is held XY ?

Question Figure :

Answer Figures :

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

SPACE FOR ROUGH WORK

50. A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as in two matrices given below. The columns and rows of Matrix I are numbered from 0 to 4 and th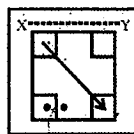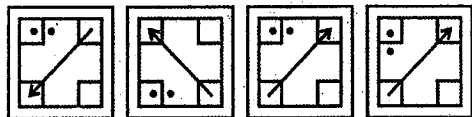at of Matrix II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, e.g., 'D' can be represented by 11, 25, etc., and 'J' can be represented by 67, 78, etc. Similarly, you have to identify the set for the given word.

"MILK"

Matrix – I						Matrix – II					
0	1	2	3	4	5	0	6	7	8	9	10
1	D	E	F	G	H	6	I	J	K	L	M
2	H	G	E	F	D	7	M	L	J	K	I
3	G	F	E	D	H	8	I	K	L	J	M
4	F	E	D	C	H	9	J	L	M	K	I
5	E	D	H	F	G	10	K	M	I	L	J

(A) 98, 66, 79, 77   (B) 98, 79, 77, 86
(C) 98, 86, 77, 99   (D) 86, 77, 99, 98

FOR VISUALLY HANDICAPPED CANDIDATES ONLY

Directions : In Question Nos. **39** to **41**, select the related word / letter / number from the given alternatives.

39. Eye : Myopia : : Teeth : ?
(A) Pyorrhoea   (B) Cataract
(C) Trachoma   (D) Eczema

40. ACF : ZXU : : FHJ : ?
(A) OML   (B) TRP
(C) YWU   (D) USQ

41. 16 : 26 : : 36 : ?
(A) 51   (B) 50   (C) 60   (D) 53

42. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it ?
_bac_ac_acb_ _ba
(A) cbbac   (B) abbac
(C) cabbc   (D) accbb

Directions : In Question Nos. **43** and **44**, find the odd number / letters/ number pair from the given alternatives.

43. (A) 2367   (B) 4374
(C) 5319   (D) 6182

44. (A) Basil   (B) Jasmine
(C) Tulip   (D) Rose

45. Which one of the given responses would be a meaningful order of the following ?
1. Interview
2. Application
3. Advertisement
4. Appointment order
5. Call letter
(A) 1, 2, 3, 4, 5   (B) 2, 4, 1, 3, 5
(C) 3, 2, 5, 1, 4   (D) 3, 2, 1, 5, 4

46. If JASMINE is coded as TKCWSXO in a certain language then how will LOTUS be coded in that language ?
(A) VYDEC   (B) VZCDE
(C) VXCED   (D) VZEDC

Directions : In Question Nos. **47** and **48**, numbers are arranged in some order. Find out the missing number.

47. 538, 725, 813, ?
(A) 712   (B) 814
(C) 328   (D) 219

48. 2, 4, 16, ? , 65536
(A) 250   (B) 256
(C) 254   (D) 252

49. How many minimum number of colours will be required to paint all the sides of a cube without the adjacent sides having the same colour ?
(A) 3   (B) 4   (C) 5   (D) 6

50. In a clock, at 12 noon both hour and minute hands were pointing towards North East direction. At what direction the hour hand will be pointing at 1.30 pm ?
(A) East   (B) West
(C) North   (D) South

SPACE FOR ROUGH WORK

51. The demand of a factor of production is
    (A) direct
    (B) derived
    (C) neutral
    (D) discretion of the producer

52. If the average revenue is a horizontal straight line, marginal revenue will be
    (A) U shaped
    (B) Kinked
    (C) Identical with average revenue
    (D) L shaped

53. The hypothesis that rapid growth of per capita income will be associated with a reduction in poverty is called
    (A) trickle down hypothesis
    (B) trickle up hypothesis
    (C) U shaped hypothesis
    (D) poverty estimation hypothesis

54. According to Keynes, business cycles are due to variation in the rate of investment caused by fluctuations in the
    (A) Marginal efficiency of capital
    (B) Marginal propensity to save
    (C) Marginal propensity to consumption
    (D) Marginal efficiency to investment

55. The main emphasis of Keynesian economics is on
    (A) Expenditure (B) Exchange
    (C) Foreign trade (D) Taxation

56. The main feature of the Federal State is
    (A) Decentralisation
    (B) Centralisation
    (C) Theory of separation of powers
    (D) Sovereignty

57. Public opinion is
    (A) The opinion of the majority
    (B) The opinion of the people on political matters
    (C) Opinion of the citizens of the country
    (D) The opinion based on reasoning which is for the welfare of the whole society

58. In India the largest single item of current government expenditure is
    (A) Defence Expenditure
    (B) Interest payment of debt
    (C) Payment of subsidies
    (D) Investment in social overheads

59. Which one of the following is an item included in the list of Fundamental Duties of an Indian citizen in the Constitution ?
    (A) To practice secularism.
    (B) To develop scientific temper, humanism and the spirit of enquiry and reform.
    (C) To pay all taxes to government regularly and correctly.
    (D) Not to assault any public servant in the (during) performance of his duties.

60. The first woman to preside over the UN General Assembly :
    (A) Rajkumari Amrit Kaur
    (B) Vijaylakshmi Pandit
    (C) Kamla Nehru
    (D) Indira Gandhi

61. Panchasiddhantham of Varahamihira deals with
    (A) Astrology
    (B) Astronomy
    (C) Medicine
    (D) Anatomy

62. Which one of the following coins was issued in silver during the Gupta period ?
    (A) Kakini (B) Nishka
    (C) Rupyaka (D) Dinar

63. Lothal, the dockyard site of the Indus Valley Civilization, is situated in
    (A) Gujarat (B) Punjab
    (C) Pakistan (D) Haryana

64. Who among the Delhi Sultans died of a sudden fall from a horse at Lahore while playing Chaugan ?
    (A) Qutbuddin Aibak
    (B) Iltutmish
    (C) Balban
    (D) Jalaluddin Khilji

65. Buddha means
    (A) Great Conqueror
    (B) Great Saint
    (C) Wise one
    (D) Enlightened one

66. What is 'Biodiversity' ?
(A) Many types of flora & fauna in one forest
(B) Many types of flora and fauna in many forests
(C) Many population of one species in one forest
(D) All the above are true.

67. Where is the headquarters of Hindustan Zink Ltd ?
(A) Udaipur   (B) Jodhpur
(C) Jaisalmer   (D) Jaipur

68. Leaving agricultural land uncultivated for some years known as
(A) Intensive farming
(B) Fallowing
(C) Shifting cultivation
(D) Subsistence farming

69. The sky appears blue due to
(A) Rayleigh scattering
(B) Mie scattering
(C) Back scattering
(D) None of the above

70. The mountain formed on the earth crust due to tension is called
(A) Young folded mountain
(B) Old folded mountain
(C) Laccolith mountain
(D) Block mountain

71. Movement of hairs in Drosera is referred to as
(A) Heliotropism
(B) Thigmotropism
(C) Photonastic
(D) Seismonastic

72. Which of the following is an example of parasitic alga ?
(A) Ulothrix   (B) Cephaleuros
(C) Oedogonium   (D) Sargassum

73. Solitary cymose inflorescence is observed in
(A) Rose   (B) Chinarose
(C) Tuberose   (D) Gardenia

74. The excretory aperture in Paramoecium is known as
(A) Cytopharynx   (B) Cytostome
(C) Cytopyge   (D) Cryptospere

75. IVF (In Vitro Fertilization) Technique was first devised by
(A) Patrick Steptoe and Robert Edwards
(B) Dr. Henry Dixon
(C) Robertson
(D) Dr. Martin Cooper

76. Just born baby has the respiratory rate as
(A) 32 times/minute
(B) 26 times/minute
(C) 18 times/minute
(D) 15 times/minute

77. A particle is moving in a uniform circular motion with constant speed v along a circle of radius r. The acceleration of the particle is
(A) zero   (B) $\frac{v}{r}$
(C) $\frac{v}{r^2}$ (D) $\frac{v^2}{r}$

78. Which of the following devices can be used to detect radiant heat ?
(A) Liquid thermometer
(B) Six's maximum and minimum thermometer
(C) Constant volume air thermometer
(D) Thermopile

79. In which one of the following the phenomenon of total internal reflection of light is used ?
(A) Formation of mirage
(B) Working of binoculars
(C) Formation of rainbow
(D) Twinkling of stars

80. Period of oscillation of 3 cm microwaves in seconds is
(A) 1×10^{10}
(B) 1×10^{-10}
(C) 0.01
(D) 0.001

81. The most advanced form of Read Only Memory (ROM) is
(A) PROM
(B) RAM
(C) Cache Memory
(D) EEPROM

82. A computer program that translates one program instruction one at a time into machine language is called a/an
(A) Interpreter
(B) Compiler
(C) Simulator
(D) Commander

83. Which of the following is very reactive and kept in kerosene ?
(A) Sodium   (B) Potassium
(C) Iodine   (D) Bromine

84. Which of the following is a metallic ore ?
   (A) Mica   (B) Quartz
   (C) Feldspar   (D) Galena

85. In the periodic table of elements, on moving from left to right across a period, the atomic radius
   (A) decreases
   (B) increases
   (C) remains unchanged
   (D) does not follow a definite pattern

86. Vulcanized rubber contains sulphur
   (A) 2%   (B) 3 – 5%
   (C) 7 – 9%   (D) 10 – 15%

87. Uric acid is the chief nitrogenous wastes in
   (A) Frogs   (B) Birds
   (C) Fishes   (D) Mankind

88. To conserve coral reefs, the Government of India declared one of the following as Marine Park :
   (A) Gulf of Kutch
   (B) Lakshadweep Islands
   (C) Gulf of Mannar
   (D) Andaman Islands

89. The special modified epidermal cells surrounding stomatal pore are called
   (A) Epithelial cells
   (B) Guard cells
   (C) Subsidiary cells
   (D) Accessory cells

90. Transpiration through leaves is called as
   (A) Cauline transpiration
   (B) Foliar transpiration
   (C) Cuticular transpiration
   (D) Lenticular transpiration

91. Who is the brand ambassador of Nokia Phones in India ?
   (A) Shah Rukh Khan
   (B) Aamir Khan
   (C) Abhishek Bachchan
   (D) M.S. Dhoni

92. Where is the headquarters of the International Olympic Committee located ?
   (A) Italy   (B) Switzerland
   (C) Belgium   (D) France

93. 'Canterbury', the premium Indian brand of woollen cardigans and pullovers is from the house of
   (A) Monte-Carlo   (B) Woodland
   (C) Digjam   (D) OCM

94. Lionel Messi, the winner of four FIFA Ballion d'or and World Player of the year, belongs to
   (A) Brazil   (B) Spain
   (C) Argentina   (D) Germany

95. Who is the brand ambassador of the Hockey India League (HIL) 2013 ?
   (A) Pargat Singh
   (B) Dhanraj Pillai
   (C) Navjot Singh Siddhu
   (D) Virat Kohli

96. "Consumer Electronic Imaging Fair 2013", formally called as "Photo Fair", will be organize in January 2015 at
   (A) Kolkata   (B) Chennai
   (C) Delhi   (D) Mumbai

97. Which Indian State is the leading cotton producer ?
   (A) Gujarat
   (B) Maharashtra
   (C) Andhra Pradesh
   (D) Madhya Pradesh

98. The 'more mega store' retail chain belongs to which Indian Industry ?
   (A) Reliance Industry
   (B) Bharti Enterprises
   (C) Aditya Birla Group
   (D) None of these

99. Who among the following was responsible for the revival of Hinduism in 19th century ?
   (A) Swami Dayanand
   (B) Swami Vivekanand
   (C) Guru Shankaracharya
   (D) Raja Ram Mohan Roy

100. The Nobel Peace Prize is awarded in which city ?
   (A) Brussels   (B) Geneva
   (C) Oslo   (D) Stockholm

101. Arranging the following in descending order, we get

$$\sqrt[3]{4}, \sqrt{2}, \sqrt[6]{3}, \sqrt[4]{5}$$

(A) $\sqrt[3]{4} > \sqrt[4]{5} > \sqrt{2} > \sqrt[6]{3}$

(B) $\sqrt[4]{5} > \sqrt[3]{4} > \sqrt[6]{3} > \sqrt{2}$

(C) $\sqrt{2} > \sqrt[6]{3} > \sqrt[3]{4} > \sqrt[4]{5}$

(D) $\sqrt[6]{3} > \sqrt[4]{5} > \sqrt[3]{4} > \sqrt{2}$

102. For any integral value of n, $3^{2n} + 9n + 5$ when divided by 3 will leave the remainder

(A) 1   (B) 2   (C) 0   (D) 5

103. Three men A, B, C working together can do a job in 6 hours less time than A alone, in 1 hour less time than B alone and in one half the time needed by C when working alone. Then A and B together can do the job in

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

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

104. A swimming pool is fitted with three pipes. The first two pipes working simultaneously, fill the pool in the same time as the third pipe alone. The second pipe alone fills the pool 5 hours faster than the first pipe and 4 hours slower than the third pipe. In what time will the second and third pipes together fill the pool ?

(A) 3 hours   (B) 3.75 hours

(C) 4 hours   (D) 4.75 hours

105. A takes three times as long as B and C together to do a job. B takes four times as long as A and C together to do the work. If all the three, working together can complete the job in 24 days, then the number of days, A alone will take to finish the job is

(A) 100   (B) 96

(C) 95   (D) 90

106. The base of a right prism is a quadrilateral ABCD. Given that AB = 9 cm, BC = 14 cm, CD = 13 cm, DA = 12 cm and $\angle DAB = 90°$. If the volume of the prism be 2070 cm^3, then the area of the lateral surface is

(A) 720 cm^2 (B) 810 cm^2

(C) 1260 cm^2 (D) 2070 cm^2

107. The volumes of a right circular cylinder and a sphere are equal. The radius of the cylinder and the diameter of the sphere are equal. The ratio of height and radius of the cylinder is

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

(C) 6 : 1   (D) 1 : 6

108. A wire of length 44 cm is first bent to form a circle and then rebent to form a square. The difference of the two enclosed areas is

(A) 44 cm^2 (B) 33 cm^2

(C) 55 cm^2 (D) 66 cm^2

109. A shopkeeper listed the price of goods at 30% above the cost price. He sells half the stock at this price, one fourth of the stock at a discount of 15% and the remaining at 30% discount. His overall profit is

(A) $15\frac{3}{8}\%$ (B) 15%

(C) $15\frac{3}{5}\%$ (D) $15\frac{2}{3}\%$

110. A trader buys goods at 20% discount on marked price. If he wants to make a profit of 25% after allowing a discount of 20%, by what percent should his marked price be greater than the original marked price?
(A) 15% (B) 65% (C) 25% (D) 20%

111. A shopkeeper allows a discount of 10% on the marked price of an item but charges a sales tax of 8% on the discounted price. If the customer pays ₹ 3,402 as the price including the sales tax, then the marked price is
(A) ₹ 3,400 (B) ₹ 3,500
(C) ₹ 3,600 (D) ₹ 3,800

112. The milk and water in two vessels A and B are in the ratio 4 : 3 and 2 : 3 respectively. In what ratio, the liquids in both the vessels be mixed to obtain a new mixture in vessel C containing half milk and half water?
(A) 7 : 5 (B) 5 : 2 (C) 3 : 11 (D) 1 : 2

113. Two numbers A and B are such that the sum of 5% of A and 4% of B is $\frac{2}{3}$rd of the sum of 6% of A and 8% of B.

The ratio A : B is
(A) 4 : 3 (B) 3 : 4 (C) 1 : 1 (D) 2 : 3

114. The average marks obtained by 40 students of a class is 86. If the 5 highest marks are removed, the average reduces by one mark. The average marks of the top 5 students is
(A) 92 (B) 96 (C) 93 (D) 97

115. A student finds the average of 10, 2 digit numbers. If the digits of one of the numbers is interchanged, the average increases by 3.6. The difference between the digits of the 2-digit numbers is
(A) 4 (B) 3 (C) 2 (D) 5

116. A fruit-seller buys some oranges and by selling 40% of them he realises the cost price of all the oranges. As the oranges being to grow over-ripe, he reduces the price and sells 80% of the remaining oranges at half the previous rate of profit. The rest of the oranges being rotten are thrown away. The overall percentage of profit is
(A) 80 (B) 84 (C) 94 (D) 96

117. A man spends 75% of his income. His income increases by 20% and his expenditure also increases by 10%. The percentage of increase in his savings is
(A) 40% (B) 30%
(C) 50% (D) 25%

118. A car travels from P to Q at a constant speed. If its speed were increased by 10 km/h, it would have been taken one hour lesser to cover the distance. It would have taken further 45 minutes lesser if the speed was further increased by 10 km/h. The distance between the two cities is
(A) 540 km (B) 420 km
(C) 600 km (D) 620 km

119. A train leaves a station A at 7 am and reaches another station B at 11 am. Another train leaves B at 8 am and reaches A at 11.30 am. The two trains cross one another at
(A) 8.36 am (B) 8.56 am
(C) 9.00 am (D) 9.24 am

120. A man gave 50% of his savings of ₹ 84,100 to his wife and divided the remaining sum among his two sons A and B of 15 and 13 years of age respectively. He divided it in such a way that each of his sons, when they attain the age of 18 years, would receive the same amount at 5% compound interest per annum. The share of B was
(A) ₹ 20,000 (B) ₹ 20,050
(C) ₹ 22,000 (D) ₹ 22,050

SPACE FOR ROUGH WORK

121. If $3(a^2 + b^2 + c^2) = (a + b + c)^2$, then the relation between a, b, c is

(A) $a = b = c$ (B) $a = b \neq c$
(C) $a < b < c$ (D) $a > b > c$

122. If $\dfrac{p}{a} + \dfrac{q}{b} + \dfrac{r}{c} = 1$ and $\dfrac{a}{p} + \dfrac{b}{q} + \dfrac{c}{r} = 0$,

where p, q, r and a, b, c are non-zero,

then the value of $\dfrac{p^2}{a^2} + \dfrac{q^2}{b^2} + \dfrac{r^2}{c^2}$ is

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

123. If x is a rational number and

$\dfrac{(x+1)^3 - (x-1)^3}{(x+1)^2 - (x-1)^2} = 2$, then the sum

of numerator and denominator of x is

(A) 3   (B) 4   (C) 5   (D) 7

124. The area in sq.unit. of the triangle formed by the graphs of $x = 4$, $y = 3$ and $3x + 4y = 12$

(A) 12   (B) 8   (C) 10   (D) 6

125. The equations
$3x + 4y = 10$
$-x + 2y = 0$
have the solution (a, b). The value of $a + b$ is

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

126. If $x = \sqrt{5} + 2$, then the value

$\dfrac{2x^2 - 3x - 2}{3x^2 - 4x - 3}$ is equal to

(A) 0.185   (B) 0.525
(C) 0.625   (D) 0.785

127. If a = 2.234, b = 3.121 and c = −5.355, then the value of $a^3 + b^3 + c^3 - 3\,abc$ is

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

128. If $x^2 + y^2 + 1 = 2x$, then the value of $x^3 + y^5$ is

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

129. The simplest value of
$\tan 1° \cdot \tan 2° \cdot \tan 3° \ldots\ldots \tan 89°$ is

(A) $\dfrac{1}{2}$ (B) 0   (C) 1   (D) $\dfrac{2}{3}$

130. If $(\sin \alpha + \operatorname{cosec} \alpha)^2 + (\cos \alpha + \sec \alpha)^2$
$= K + \tan^2\alpha + \cot^2\alpha$, then the value of K is

(A) 1   (B) 7   (C) 3   (D) 5

131. The angle of elevation of the top of a vertical tower situated perpendicularly on a plane is observed as 60° from a point P on the same plane. From another point Q, 10 m vertically above the point P, the angle of depression of the foot of the tower is 30°. The height of the tower is

(A) 15 m   (B) 30 m
(C) 20 m   (D) 25 m

132. If $\sin 21° = \dfrac{x}{y}$, then $\sec 21° - \sin 69°$

is equal to

(A) $\dfrac{x^2}{y\sqrt{y^2 - x^2}}$ (B) $\dfrac{y^2}{x\sqrt{y^2 - x^2}}$

(C) $\dfrac{x^2}{y\sqrt{x^2 - y^2}}$ (D) $\dfrac{y^2}{x\sqrt{x^2 - y^2}}$

133. If $\sec \alpha + \tan \alpha = 2$, then the value of $\sin \alpha$ is
(assume that $0 < \alpha < 90°$)

(A) 0.4   (B) 0.5   (C) 0.6   (D) 0.8

134. If $3 \sin \theta + 5 \cos \theta = 5$, then the value of $5 \sin \theta - 3 \cos \theta$ will be

(A) ± 3 (B) ± 5 (C) ± 2 (D) ± 1

135. If θ is an acute angle and $\tan \theta + \cot \theta = 2$, then the value of $\tan^5 \theta + \cot^5 \theta$ is

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

136. ABCD is a parallelogram in which diagonals AC and BD intersect at O. If E, F, G and H are the mid points of AO, DO, CO and BO respectively, then the ratio of the perimeter of the quadrilateral EFGH to the perimeter of parallelogram ABCD is

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

SPACE FOR ROUGH WORK

137. In ΔPQR, S and T are points on sides PR and PQ respectively such that ∠PQR = ∠PST. If PT = 5 cm, PS = 3 cm and TQ = 3 cm, then length of SR is

(A) 5 cm (B) 6 cm

(C) $\dfrac{31}{3}$ cm (D) $\dfrac{41}{3}$ cm

138. The length of a tangent from an external point to a circle is $5\sqrt{3}$ unit. If radius of the circle is 5 units, then the distance of the point from the circle is

(A) 5 units (B) 15 units

(C) –5 units (D) –15 units

139. In ΔABC, ∠C is an obtuse angle. The bisectors of the exterior angles at A and B meet BC and AC produced at D and E respectively. If AB = AD = BE, then ∠ACB =

(A) 105° (B) 108°

(C) 110° (D) 135°

140. ABC is an equilateral triangle and O is its circumcentre, then the ∠AOC is

(A) 100° (B) 110°

(C) 120° (D) 130°

141. ABCD is a cyclic quadrilateral. The side AB is extended to E in such a way that BE = BC. If ∠ADC = 70°, ∠BAD = 95°, then ∠DCE = is

(A) 140° (B) 120°

(C) 165° (D) 110°

142. If the sum of interior angles of a regular polygon is equal to two times the sum of exterior angles of that polygon, then the number of sides of that polygon is

(A) 5 (B) 6 (C) 7 (D) 8

143. Two circles are of radii 7 cm and 2 cm, their centres being 13 cm apart. Then the length of direct common tangent to the circles between the points of contact is

(A) 12 cm (B) 15 cm

(C) 10 cm (D) 5 cm

The following table gives zonewise survey report of the people of a country who take coffee. Study the table and answer question Nos. 144 to 146 :

Take coffee	Zone			
	North	East	West	South
More than 3 times a day	410	310	700	1450
1 to 3 times a day	1220	830	1250	1120
Twice a week	1640	710	950	420
Only once a week	620	540	530	350
Never	950	430	620	50

144. The percentage of people of south zone who take coffee atleast once a day is close to

(A) 33.51 (B) 42.72

(C) 75.81 (D) 80.82

145. The percentage of people from non-west zone who take coffee 'only once a week' is approximately
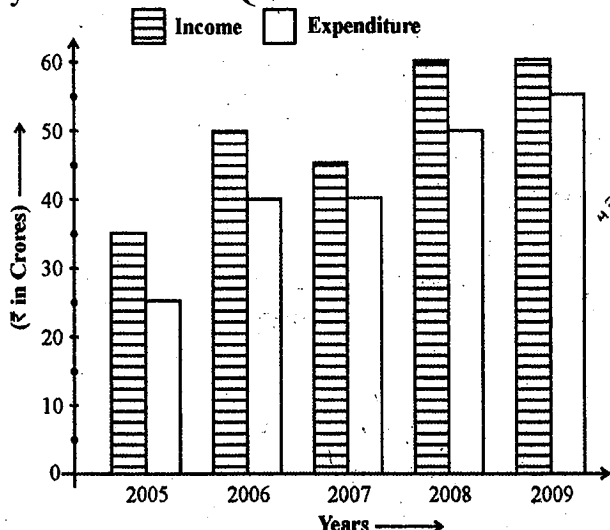
(A) 11 (B) 12 (C) 13 (D) 14

146. The ratio of the total number of people surveyed who take coffee more than 3 times a day to the total number of people who do not take coffee at all is

(A) 1 : 1.4 (B) 1.4 : 1

(C) 1.5 : 1 (D) 1 : 1.1

SPACE FOR ROUGH WORK

Study the following graph which shows income and expenditure of a company over the years and answer Question Nos. **147** to **150** :

147. The difference in profit (₹, in crores) of the company during 2007 and 2008 is
(A) 5 (B) 10 (C) 15 (D) 20

148. In how many years was the expenditure of the company more than the average expenditure of the given years ?
(A) 4 (B) 3 (C) 2 (D) 1

149. The percentage increase in income of the company from 2007 to 2008 is

(A) 30 (B) 25 (C) $33\frac{1}{3}$ (D) $42\frac{6}{7}$

150. Ratio of total income to total expenditure of the company over the years is
(A) 21 : 25 (B) 25 : 21
(C) 26 : 21 (D) 25 : 22

FOR VISUALLY HANDICAPPED CANDIDATES ONLY

144. If $x = \left(2\frac{1}{100}\right)^3 + (0.99)^3 + 3\left(2\frac{1}{100}\right)^2$

$(0.99) + 3\left(2\frac{1}{100}\right)(0.99)^2$, then the

value of x is
(A) 9 (B) 5.002
(C) 25 (D) 27

145. If the perimeter of a circle is decreased by 50%, then the percentage of decrease in area is
(A) 20 (B) 50 (C) 80 (D) 75

146. If the cost price of 6 articles is equal to the selling price of 4 articles, then gain percent is
(A) 33% (B) 50%
(C) 66% (D) 75%

147. After 30 litres of water were evaporated from a solution of salt and water, which had 15% of salt, the remaining solution had 20% salt. The quantity (in litre) of the original solution is

(A) $70\frac{1}{17}$ (B) 120

(C) 110 (D) $120\frac{1}{17}$

148. In a partnership, A invests $\frac{1}{6}$ of the

capital for $\frac{1}{6}$ of the time, B invests $\frac{1}{3}$ of

the capital for $\frac{1}{3}$ of the time, and C, the

rest of the capital for the whole time. Out of a profit of ₹ 13,800, B's share is
(A) ₹ 1,200 (B) ₹ 2,400
(C) ₹ 3,000 (D) ₹ 3,600

149. A man covers a distance of 60 km at a speed of 40 km/hour and another distance of 50 km at 30 km/hr, the average speed is

(A) $32\frac{2}{19}$ (B) $34\frac{3}{5}$

(C) $34\frac{14}{19}$ (D) 35

150. 4 men and 5 women can do a piece of work in 10 days. 5 men and 4 women can do the same work in 8 days. 8 men and 8 women can do the work in
(A) 3 days (B) 4 days
(C) 5 days (D) 6 days

SPACE FOR ROUGH WORK

Directions : In Question Nos. **151** to **155**, 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 [●] corresponding to the appropriate letter (A, B, C). If a sentence is free from error, blacken the oval corresponding to (D) in the Answer Sheet.

151. $\underset{\text{(A)}}{\underline{\text{The whole block of flats}}}$ / $\underset{\text{(B)}}{\underline{\text{including two shops were}}}$ / $\underset{\text{(C)}}{\underline{\text{destroyed in fire.}}}$ $\underset{\text{(D)}}{\underline{\text{No error}}}$

152. $\underset{\text{(A)}}{\underline{\text{He feels his troubles}}}$ / $\underset{\text{(B)}}{\underline{\text{as much or}}}$ / $\underset{\text{(C)}}{\underline{\text{even more than they.}}}$ / $\underset{\text{(D)}}{\underline{\text{No error}}}$

153. $\underset{\text{(A)}}{\underline{\text{I like reading}}}$ / $\underset{\text{(B)}}{\underline{\text{more than}}}$ / $\underset{\text{(C)}}{\underline{\text{to play.}}}$ / $\underset{\text{(D)}}{\underline{\text{No error}}}$

154. $\underset{\text{(A)}}{\underline{\text{The old lady swooned}}}$ / $\underset{\text{(B)}}{\underline{\text{but was soon}}}$ / $\underset{\text{(C)}}{\underline{\text{restored at senses.}}}$ / $\underset{\text{(D)}}{\underline{\text{No error}}}$

155. $\underset{\text{(A)}}{\underline{\text{I shall have to}}}$ / $\underset{\text{(B)}}{\underline{\text{withdraw from my savings}}}$ / $\underset{\text{(C)}}{\underline{\text{to buy a new car.}}}$ / $\underset{\text{(D)}}{\underline{\text{No error}}}$

Directions : In Question Nos. **156** to **160**, sentences 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.

156. He was _____ about whether to do it or not.
    (A) ambiguous   (B) ambivalent
    (C) ambidextrous (D) uncertain

157. His conduct is bad, and his honesty is not _____ suspicion.
    (A) above   (B) beyond
    (C) under   (D) in

158. The minister _____ on the petition before it was taken up for discussion.
    (A) could sign   (B) signed
    (C) had signed   (D) must sign

159. The foolish crows _____ to sing.
    (A) crow   (B) jump
    (C) tried   (D) try

160. Truculent in defending their individual rights of sovereignty under the Articles of Confederation, the newly formed states _____ constantly.
    (A) apologized   (B) digressed
    (C) conferred   (D) squabbled

Directions : In Question Nos. **161** to **163**, 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. Convalesce
    (A) Diminish   (B) Admonish
    (C) Recover   (D) Convey

162. Porous
    (A) Adventurous (B) Permeable
    (C) Pungent   (D) Concrete

163. Insipid
    (A) Spicy   (B) Bland
    (C) Interesting (D) Warm

Directions : In Question Nos. **164** to **166**, choose the word opposite in meaning to the given word and mark it in the Answer Sheet.

164. Indict
    (A) Accuse   (B) Exonerate
    (C) Incriminate (D) Impeach

165. Suppress
    (A) Reveal   (B) Increase
    (C) Open   (D) Explain

166. Vocal
    (A) Voluble   (B) Calm
    (C) Quite   (D) Silent

167. I am very interested to know the outcome of the debate, kindly keep me in the loop.
   (A) out of it
   (B) informed about the fees
   (C) informed about the last date of joining
   (D) informed regularly

168. There is no cut and dried method for doing this.
   (A) simple
   (B) honest
   (C) ready made
   (D) understandable

169. Suddenly the man blacked out during the parade and had to be helped to a quiet place.
   (A) lost temper
   (B) lost control over himself
   (C) lost consciousness
   (D) lost balance

170. Hold your horses for a moment while I make a phone call.
   (A) Be patient   (B) Stayout
   (C) Be quiet   (D) Wait

171. Sachin Tendulkar's batting skills make him a cut above the rest.
   (A) taller than
   (B) superior to
   (C) senior to
   (D) different from

172. The visitors arrived at a lucky moment.
   (A) an opportunistic
   (B) an opportunity
   (C) an opportune
   (D) No improvement

173. Suraj looked at Sunil with a question.
   (A) questioningly
   (B) questionably
   (C) wistfully
   (D) No improvement

174. The government can see scarcely any valid reason to launch an inquiry.
   (A) cannot scarcely see any valid reason
   (B) can see any valid reason scarcely
   (C) can scarcely see any valid reason
   (D) No improvement

175. Henry is taking John for tea.
   (A) taking John on tea
   (B) taking John to tea
   (C) taking John at tea
   (D) No improvement

176. The medicines made miracles and healed me in two days.
   (A) The medicines brought miracles
   (B) The medicines worked miracles
   (C) The medicine performed miracles
   (D) No improvement

177. Any of these two books is good.
   (A) Any of this
   (B) Either of these
   (C) Any other of this
   (D) No improvement

178. The report highlights a number of instance of injustice.
   (A) highlight a number of instances of injustice
   (B) highlights a numbers of instances of injustice
   (C) highlights a number of instances of injustice
   (D) No improvement

179. He was for a time our captain.
   (A) for sometime
   (B) once
   (C) at any time
   (D) No improvement

180. He made the utmost effort to save us.
   (A) an all-out
   (B) an altered
   (C) an intentional
   (D) No improvement

181. He belongs to a rich family.
   (A) a well-to-do family
   (B) an upper class family
   (C) a well-known family
   (D) No improvement

182. The act of speaking about one's thoughts when one is alone.
    (A) Silence   (B) Monologue
    (C) Dialogue   (D) Soliloquy

183. To remove an objectionable part from a book.
    (A) Exterminate   (B) Expurgate
    (C) Extirpate   (D) Destroy

184. Pertaining to sheep
    (A) Canine   (B) Bovine
    (C) Ovine   (D) Feline

185. Hole excavated by an animal as dwelling
    (A) Borrow   (B) Burrow
    (C) Bore   (D) Pierce

186. Person believing in free will
    (A) Guardian   (B) Tyrant
    (C) Humanitarian   (D) Libertarian

187. Small pieces of metal that fly out from an exploding bomb
    (A) Shrapnel   (B) Splinters
    (C) Filings   (D) Bullets

188. All the arts, beliefs and social institutions etc. characteristic of a race
    (A) Culture   (B) Civilization
    (C) Infrastructure (D) Ritual

Directions : In Question Nos. **189** & **190**, 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.

189. (A) Sychological   (B) Psychological
     (C) Psykological   (D) Sykological

190. (A) Corralative   (B) Correlative
     (C) Corilative   (D) Correletive

Directions : In Question Nos. **191** to **200**, you have two brief passages with 5 questions following each passage. Read the passages carefully and choose the best answer to each question out of the four alternatives and mark it by blackening the appropriate oval [●] in the Answer Sheet.

Passage – I (Question Nos. 191 to 195)

Poverty can be defined as a social phenomenon in which a section of the society is unable to fulfill even its basic necessities of life. When a substantial segment of the society is deprived of the minimum level of living and continues at a bare subsistence level, that society is said to be plagued with mass poverty. The countries of the third world exhibit invariably the existence of mass poverty, although pockets of poverty exist even in the developed countries of Europe and America.

Attempts have been made in all societies to define poverty, but all of them are conditioned by the vision of minimum or good life obtaining in society. For instance, the concept of poverty in the U.S.A. would be significantly different from that in India because the average man is able to afford a much higher level of living in the United States. There is an effort in all definitions of poverty to approach the average level of living in a society and as such these definitions reflect the coexistence of inequalities in a society and the extent to which different societies are prepared to tolerate them. For instance, in India, the generally accepted definition of poverty emphasizes minimum level of living rather than a reasonable level of living. This attitude is borne out of a realization that it would not be possible to provide even a minimum quantum of basic needs for some decades and therefore, to talk about a reasonable level of living or good life may appear to be wishful thinking at the present stage. Thus, political considerations enter the definitions of poverty because programmes of alleviating poverty may become prohibitive as the vision of a good life widens.

191. What is poverty according to the writer ?
    (A) Ability to consider it as social phenomenon of a substantial segment of society.
    (B) Inability of a society to provide the basic necessities of life.
    (C) A political compulsion that dictates economic policies.
    (D) A form of exhibition of subsistence living.

192. Societies in the third world can be characterised as plagued by mass poverty, because
    (A) Europe and America have pockets of poverty.
    (B) Poverty is a mass social phenomenon.
    (C) There is a wide variation in the definition of poverty.
    (D) Societies live at a bare subsistence level.

193. What conditions the various attempts to define poverty ?
    (A) The definition of poverty in India
    (B) The definition of poverty in the U.S.A.
    (C) The vision of minimum or good life
    (D) Political considerations

194. What do all definitions of poverty do ?
    (A) Reflect coexistence of inequalities in society.
    (B) Societies tolerance of inequalities.
    (C) Approach the average level of living in a society.
    (D) Minimum level of living in India.

195. Definition of poverty in India emphasizes minimum level of living because
    (A) It is impossible at this stage to provide a reasonable quantum of living.
    (B) Political considerations enter the definitions of poverty.
    (C) There is a reasonable level of good living.
    (D) Programmes of alleviation of poverty have been initiated.

Passage – II (Question Nos. 196 to 200)

By the mid-nineteenth century, mass production of paper patterns, the emergence of the home sewing machine, and the convenience of mail order catalogues brought fashionable clothing into the American home. By the early twentieth century, home economists working in extension and outreach programs taught women how to use paper patterns to improve the fit and efficiency of new garments as well as how to update existing ones.
Teachers of home economics traditionally made home sewing a critical part of their curriculum, emphasizing self-sufficiency and resourcefulness for young women. However, with the increasing availability of mass-produced clothing in catalogues and department stores, more and more women preferred buying garments to making them. As a result, home economists shifted their attention to consumer education.

Through field study, analysis and research, they became experts on the purchase and preservation of ready-to-wear clothing for the family, offering budgeting instruction targeted at adolescent girls. Modern home sewing made it possible for American women to transcend their economic differences and geographic locations with clothing that was increasingly standardized. The democratization of fashion continued through the twentieth century as the ready-to-wear market expanded and home sewing became more of a pastime than a necessity.

196. What improved the fit and efficiency of new garments ?
    (A) Sewing machines
    (B) Economists
    (C) Mass production
    (D) Paper patterns

197. What were the skills that were emphasized for young women ?
    (A) Self confidence and self-esteem
    (B) Self-sufficiency and resourcefulness
    (C) Resourcefulness and self-confidence
    (D) Prudence and resourcefulness

198. Who became experts on the purchase and preservation of ready-to-wear clothing for the family ?
    (A) Owners of department stores
    (B) Field-study analysts
    (C) Young women
    (D) Teachers of home economics

199. Who was the target group ?
    (A) Young women
    (B) Young girls
    (C) Adolescent girls
    (D) Working women

200. How did home sewing help American women ?
    (A) They became field analysts and researchers.
    (B) They went beyond economic boundaries.
    (C) They found good jobs.
    (D) They became excellent teachers.

Staff Selection Commission

Southern Region

Combined Graduate Level (Tier - I) Examination - 2014

Held on 19-10-2014

Morning Session

All Series KEY

Booklet Series : 011 LG 2

1.B 2.B 3.C 4.C 5.A 6.C 7.D 8.D 9.C 10.D 11.A 12.D 13.D 14.C

15.D 16.B 17.D 18.D 19.C 20.D 21.A 22.C 23.D 24.D 25.D 26.D 27.D 28.C

29.- 30.C 31.A 32.D 33.D 34.C 35.B 36.B 37.B 38.D 39.A 40.A 41.B 42.C

43.C 44.C 45.D 46.C 47.D 48.B 49.C 50.C 51.B 52.C 53.A 54.A 55.A 56.B

57.D 58.C 59.B 60.B 61.A 62.B 63.A 64.A 65.D 66.C 67.A 68.C 69.A 70.D

71.B 72.B 73.C 74.B 75.A 76.A 77.B 78.B 79.C 80.B 81.D 82.A 83.A 84.D

85.A 86.B 87.D 88.A 89.B 90.C 91.A 92.B 93.A 94.C 95.C 96.C 97.B 98.C

99.B 100.C 101.A 102.B 103.- 104.B 105.B 106.A 107.D 108.B 109.A 110.C 111.B 112.A

113.A 114.C 115.A 116.B 117.C 118.B 119.B 120.A 121.A 122.C 123.B 124.A 125.C 126.C

127.B 128.D 129.C 130.B 131.B 132.A 133.C 134.A 135.B 136.A 137.C 138.A 139.- 140.C

141.A 142.B 143.A 144.C 145.A 146.B 147.A 148.C 149.C 150.A 151.B 152.C 153.B 154.B

155.B 156.D 157.B 158.C 159.D 160.D 161.C 162.B 163.B 164.B 165.C 166.C 167.D 168.A

169.C 170.A 171.D 172.C 173.C 174.C 175.D 176.B 177.B 178.C 179.B 180.A 181.A 182.D

183.B 184.C 185.B 186.D 187.A 188.A 189.B 190.B 191.B 192.D 193.C 194.A 195.A 196.B

197.B 198.B 199.C 200.B

Booklet Series : 022 MH3

1.C 2.C 3.A 4.B 5.C 6.B 7.D 8.B 9.B 10.B 11.D 12.D 13.A 14.B

15.B 16.C 17.C 18.A 19.B 20.C 21.B 22.C 23.D 24.D 25.C 26.C 27.A 28.D

29.D 30.- 31.C 32.D 33.A 34.B 35.B 36.D 37.C 38.C 39.C 40.A 41.B 42.C

43.D 44.A 45.D 46.B 47.A 48.C 49.C 50.D 51.B 52.C 53.C 54.A 55.C 56.B

57.A 58.C 59.D 60.A 61.C 62.C 63.B 64.D 65.B 66.C 67.A 68.C 69.C 70.D

71.C 72.B 73.C 74.B 75.A 76.C 77.C 78.B 79.C 80.A 81.C 82.B 83.A 84.D
85.B 86.B 87.C 88.C 89.B 90.C 91.D 92.D 93.C 94.D 95.D 96.D 97.D 98.B
99.B 100.C 101.A 102.A 103.C 104.C 105.C 106.C 107.A 108.A 109.C 110.D 111.B 112.D
113.D 114.C 115.C 116.B 117.A 118.C 119.C 120.B 121.C 122.B 123.D 124.B 125.D 126.D
127.C 128.D 129.D 130.C 131.A 132.D 133.C 134.C 135.A 136.D 137.D 138.C 139.B 140.B
141.B 142.A 143.D 144.A 145.C 146.C 147.B 148.B 149.B 150.C 151.A 152.B 153.B 154.B
155.B 156.A 157.B 158.A 159.C 160.C 161.A 162.C 163.C 164.C 165.B 166.C 167.B 168.B
169.C 170.A 171.D 172.A 173.A 174.C 175.D 176.C 177.B 178.C 179.B 180.A 181.C 182.C
183.A 184.A 185.A 186.D 187.B 188.A 189.A 190.B 191.B 192.C 193.B 194.B 195.B 196.D
197.D 198.B 199.A 200.D

Booklet Series : 033 NJ4

1.D   2.A   3.C   4.D   5.D   6.D   7.D   8.D   9.C   10.- 11.C 12.A 13.D 14.D
15.C 16.B 17.B 18.C 19.C 20.A 21.C 22.D 23.D 24.C 25.D 26.A 27.D 28.D
29.C 30.D 31.B 32.D 33.D 34.C 35.B 36.B 37.B 38.D 39.A 40.A 41.B 42.C
43.C 44.C 45.D 46.C 47.D 48.B 49.C 50.C 51.C 52.A 53.C 54.C 55.D 56.C
57.B 58.C 59.B 60.A 61.C 62.C 63.B 64.C 65.A 66.C 67.B 68.A 69.D 70.B
71.B 72.C 73.C 74.B 75.C 76.D 77.D 78.C 79.D 80.D 81.D 82.D 83.B 84.B
85.C 86.B 87.C 88.C 89.A 90.C 91.B 92.A 93.C 94.D 95.A 96.C 97.C 98.B
99.D 100.B 101.C 102.B 103.A 104.A 105.C 106.A 107.B 108.C 109.B 110.B 111.A 112.A
113.C 114.B 115.A 116.C 117.C 118.B 119.D 120.C 121.B 122.B 123.A 124.C 125.A 126.B
127.A 128.A 129.B 130.- 131.B 132.B 133.A 134.D 135.B 136.A 137.C 138.A 139.- 140.C
141.A 142.B 143.A 144.C 145.A 146.B 147.A 148.C 149.C 150.A 151.C 152.B 153.C 154.B
155.B 156.C 157.A 158.D 159.A 160.A 161.C 162.D 163.C 164.B 165.C 166.B 167.A 168.C
169.C 170.A 171.A 172.A 173.D 174.B 175.A 176.A 177.B 178.B 179.C 180.B 181.B 182.B
183.D 184.C 185.D 186.A 187.D 188.A 189.B 190.B 191.C 192.B 193.A 194.B 195.A 196.C
197.C 198.A 199.C 200.C

Booklet Series : 044 PK5

1.B   2.C   3.D   4.D   5.C   6.C   7.A   8.D   9.B   10.-   11.C   12.D   13.A   14.B

15.C   16.C   17.A   18.B   19.C   20.B   21.D   22.B   23.B   24.B   25.D   26.D   27.A   28.B

29.B   30.C   31.C   32.A   33.B   34.C   35.B   36.D   37.C   38.C   39.C   40.A   41.B   42.C

43.D   44.A   45.D   46.B   47.A   48.C   49.C   50.D   51.C   52.A   53.C   54.A   55.D   56.B

57.B   58.C   59.B   60.A   61.A   62.B   63.B   64.C   65.B   66.D   67.A   68.A   69.D   70.A

71.B   72.D   73.A   74.B   75.C   76.A   77.B   78.A   79.C   80.C   81.C   82.B   83.C   84.B

85.C   86.B   87.C   88.A   89.A   90.A   91.B   92.D   93.C   94.B   95.B   96.A   97.B   98.A

99.A   100.D   101.B   102.D   103.D   104.C   105.C   106.B   107.A   108.C   109.C   110.B   111.C   112.B

113.D   114.B   115.D   116.D   117.C   118.D   119.D   120.C   121.A   122.D   123.C   124.C   125.A   126.D

127.A   128.A   129.C   130.C   131.C   132.C   133.A   134.A   135.C   136.D   137.D   138.C   139.B   140.B

141.B   142.A   143.D   144.A   145.C   146.C   147.B   148.B   149.B   150.C   151.D   152.A   153.C   154.A

155.D   156.C   157.C   158.C   159.D   160.B   161.B   162.C   163.B   164.A   165.A   166.D   167.B   168.C

169.B   170.D   171.A   172.A   173.B   174.B   175.B   176.D   177.C   178.A   179.A   180.D   181.B   182.B

183.C   184.B   185.B   186.C   187.C   188.B   189.B   190.D   191.B   192.C   193.D   194.D   195.C   196.B

197.-   198.B   199.C   200.C

Booklet Series : 055 NJ6

1.B   2.C   3.C   4.A   5.C   6.B   7.D   8.C   9.C   10.A   11.D   12.D   13.D   14.C

15.B   16.D   17.D   18.D   19.C   20.A   21.D   22.D   23.D   24.C   25.D   26.D   27.D   28.-

29.C   30.A   31.C   32.D   33.C   34.D   35.B   36.B   37.D   38.B   39.A   40.A   41.B   42.C

43.C   44.C   45.D   46.C   47.D   48.B   49.C   50.C   51.C   52.A   53.A   54.A   55.B   56.D

57.C   58.B   59.B   60.A   61.B   62.A   63.A   64.D   65.B   66.A   67.C   68.A   69.D   70.B

71.B   72.C   73.B   74.A   75.C   76.B   77.B   78.C   79.B   80.D   81.A   82.A   83.A   84.A

85.B   86.D   87.A   88.B   89.C   90.A   91.D   92.A   93.C   94.C   95.C   96.B   97.C   98.B

99.C   100.B   101.B   102.-   103.B   104.A   105.A   106.D   107.B   108.A   109.B   110.B   111.A   112.A

113.C   114.A   115.C   116.C   117.B   118.B   119.A   120.B   121.C   122.B   123.A   124.C   125.C   126.B

127.D   128.A   129.B   130.B   131.A   132.C   133.A   134.B   135.A   136.C   137.A   138.-   139.C   140.A

141.B   142.C   143.A   144.C   145.A   146.B   147.A   148.C   149.C   150.A   151.C   152.C   153.B   154.B

155.B 156.D 157.C 158.D 159.D 160.B 161.B 162.B 163.C 164.C 165.C 166.B 167.A 168.C
169.A 170.D 171.D 172.C 173.C 174.D 175.B 176.B 177.C 178.B 179.A 180.A 181.C 182.B
183.C 184.B 185.D 186.A 187.A 188.D 189.B 190.B 191.B 192.C 193.A 194.A 195.D 196.B
197.B 198.C 199.B 200.B

Booklet Series : 066 PK7

1.A 2.B 3.C 4.B 5.C 6.C 7.B 8.B 9.D 10.D 11.D 12.B 13.B 14.A
15.B 16.A 17.B 18.C 19.B 20.C 21.D 22.D 23.C 24.C 25.A 26.B 27.A 28.-
29.C 30.D 31.B 32.B 33.D 34.A 35.C 36.C 37.B 38.D 39.C 40.A 41.B 42.C
43.D 44.A 45.D 46.B 47.A 48.C 49.C 50.D 51.C 52.A 53.C 54.B 55.A 56.C
57.B 58.C 59.C 60.C 61.B 62.D 63.B 64.D 65.A 66.C 67.C 68.D 69.C 70.B
71.C 72.B 73.A 74.C 75.A 76.B 77.C 78.A 79.C 80.B 81.A 82.D 83.C 84.C
85.C 86.C 87.B 88.C 89.D 90.D 91.B 92.B 93.D 94.D 95.D 96.B 97.B 98.C
99.C 100.D 101.C 102.C 103.C 104.A 105.A 106.A 107.C 108.D 109.C 110.A 111.D 112.C
113.C 114.B 115.D 116.C 117.C 118.B 119.B 120.A 121.D 122.B 123.D 124.D 125.C 126.D
127.D 128.C 129.B 130.D 131.C 132.C 133.A 134.D 135.C 136.A 137.B 138.B 139.B 140.D
141.C 142.A 143.D 144.A 145.C 146.C 147.B 148.B 149.B 150.C 121.D 122.B 123.D 124.D
125.C 126.D 127.D 128.C 129.B 130.D 131.C 132.C 133.A 134.D 135.C 136.A 137.B 138.B
139.B 140.D 141.C 142.A 143.D 144.A 145.C 146.C 147.B 148.B 149.B 150.C 181.B 182.B
183.A 184.D 185.C 186.A 187.A 188.B 189.B 190.B 191.B 192.B 193.B 194.B 195.C 196.B
197.A 198.D 199.D 200.C

Booklet Series : 077 QL8

1.D   2.A   3.D   4.B   5.D   6.C   7.D   8.D   9.A   10.C 11.- 12.C 13.D 14.D
15.C 16.C 17.A 18.C 19.B 20.B 21.C 22.D 23.A 24.D 25.D 26.D 27.C 28.D
29.B 30.D 31.D 32.C 33.D 34.C 35.B 36.B 37.A 38.B 39.A 40.A 41.B 42.C
43.C 44.C 45.D 46.C 47.D 48.B 49.C 50.C 51.C 52.D 53.C 54.B 55.C 56.B
57.A 58.C 59.A 60.C 61.C 62.A 63.C 64.B 65.A 66.D 67.C 68.C 69.B 70.C
71.B 72.C 73.D 74.D 75.B 76.B 77.C 78.D 79.D 80.B 81.B 82.C 83.C 84.D

85.D 86.A 87.C 88.B 89.A 90.C 91.B 92.C 93.C 94.C 95.B 96.D 97.B 98.D
99.A 100.C 101.A 102.C 103.A 104.C 105.B 106.A 107.B 108.A 109.B 110.C 111.B 112.A
113.C 114.C 115.B 116.D 117.A 118.C 119.B 120.A 121.C 122.A 123.B 124.A 125.C 126.B
127.B 128.B 129.A 130.B 131.- 132.B 133.A 134.B 135.A 136.B 137.C 138.A 139.B 140.C
141.A 142.- 143.A 144.C 145.A 146.B 147.A 148.C 149.C 150.B 151.A 152.D 153.B 154.B
155.C 156.C 157.B 158.C 159.D 160.C 161.B 162.A 163.A 164.C 165.C 166.C 167.B 168.A
169.A 170.D 171.C 172.A 173.A 174.B 175.A 176.A 177.B 178.B 179.B 180.B 181.C 182.B
183.A 184.D 185.D 186.C 187.B 188.C 189.B 190.A 191.B 192.B 193.C 194.C 195.A 196.B
197.A 198.A 199.C 200.C

Booklet Series : 088 RM9

1.C 2.C 3.A 4.B 5.C 6.D 7.D 8.D 9.A 10.B 11.D 12.A 13.B 14.C
15.C 16.B 17.C 18.C 19.A 20.B 21.D 22.D 23.D 24.B 25.B 26.B 27.A 28.B
29.B 30.C 31.C 32.A 33.B 34.C 35.B 36.D 37.C 38.C 39.C 40.A 41.B 42.C
43.D 44.A 45.D 46.B 47.A 48.C 49.C 50.D 51.D 52.B 53.B 54.C 55.B 56.A
57.C 58.A 59.C 60.A 61.B 62.D 63.A 64.A 65.A 66.B 67.B 68.C 69.A 70.B
71.C 72.A 73.D 74.A 75.B 76.D 77.C 78.B 79.C 80.B 81.C 82.B 83.A 84.C
85.C 86.C 87.B 88.D 89.C 90.B 91.C 92.A 93.A 94.A 95.A 96.D 97.B 98.B
99.A 100.B 101.C 102.B 103.D 104.D 105.C 106.B 107.B 108.A 109.C 110.C 111.D 112.D
113.C 114.D 115.D 116.C 117.B 118.D 119.B 120.C 121.A 122.D 123.C 124.A 125.D 126.C
127.C 128.A 129.A 130.C 131.C 132.D 133.C 134.A 135.A 136.C 137.B 138.D 139.C 140.B
141.B 142.A 143.D 144.A 145.C 146.C 147.B 148.B 149.B 150.C 151.D 152.D 153.A 154.C
155.A 156.C 157.B 158.C 159.B 160.A 161.A 162.C 163.C 164.D 165.B 166.D 167.A 168.A
169.D 170.B 171.C 172.B 173.B 174.B 175.B 176.D 177.C 178.A 179.A 180.B 181.B 182.B
183.B 184.C 185.B 186.B 187.C 188.C 189.B 190.- 191.B 192.C 193.C 194.D 195.B 196.C
197.C 198.C 199.B 200.B