PART - A : GENERAL INTELLIGENCE AND REASONING

Directions: In questions no. 1 to 9, select the 8. CDF : GHJ : . ? related letters/word/number from the given alternatives. (A) PQR : STU (B) EFT: MNO UTS: EDC:: WVU:? (C) ABD: PQR (D) KLN: OPR CUZA: HYCC:: NNJO:? 9. (A) SJM (B) RST (C) GFE (A) TRMP (D) XYW (B) SSNR (C) TURS 2. 2:3::23:? (D) SRMQ Directions: In questions no. 10 to 18, find the odd (A) 46 (B) 29 number/letters/word/number pair from the given (C) 25 (D) 28 alternatives. 3. 2:12::8:? 10. (A) NORGAE (B) MEJNIAS (A) 396 (B) 576 (C) SORE (D) SOTLU (C) 18 (D) 128 11. (A) Heroic (B) Reserved Secretive : Open : : Snide : ? (C) Bold (A) Outcome (D) Brave (B) Forward (C) Hidden 12. (A) Chocolate (D) Forthright (B) Coca-Cola 5. Oxygen: Breathe::? (C) Sweetmeat (D) Ice-cream (A) Bed: Rest 13. (A) 4514 (B) 9425 (B) Glucose : Strength (C) 1243 (D) 7516 (C) Pen: Ink 14. (A) 136 - 1410 (B) 312 - 316(D) Disease : Birth (C) 121 - 134(D) 691 - 61516 6. Thermometer: Heat:: Barometer:? 15. (A) 183 (B) 289 (A) Humidity (B) Altitude (C) 143 (D) 165 (C) Temperature (D) Pressure 16. (A) Copper (B) Gold 7. Book : Library : : ? (C) Steel (D) Silver (A) Bouquet : Flower 17. (A) Deputy (B) Representative (B) Ship : Fleet (C) Delegate (D) Person (C) Fish : River 18. (A) 1722 1109 (B) (D) Aeroplane : Sky (C) 4512 (D) 3621

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Directions: In questions no. 19 to 21, which one set of letters when sequentially placed at the gaps in the given letter series shall complete it?

- 19. beccacca shasbbebbe ca
 - (A) acbca
- (B) bacab
- (C) bambe
- (D) abaaa
- 20. ab_bbc_c_ab_ab_c
 - (A)-becab
- (B) cacab
- (C) cacac
- (D) cbabc
- 21. A_VZ_AV_ZA_V
 - (A) AZVA
- (B) ZYAZ
- (C) AVAZ
- (D) ZVZĄ

Directions: In questions no. 22 to 25, a series is given, with one/two term(s) missing. Choose the correct alternative from the given ones that will complete the series.

- 22. BIO ? XA
 - (A) V
- (B) P
- (C)-T
- (D) R
- 23. BE ? QZ
 - _IA) J
- (B) I
- (C) K
- (D) C
- 24. 4, 8, 11, 22, 25, ?
 - (A) 28
- (B) 53
- (C) 26
- (D) 50
- 25. YXZXWYWVXV ? ??
 - LAY UW
- (B) V W
- (C) V U
- (D) W U

- 26. The daughter of the son of the father of my father's sister is to me
 - (A) Daughter
- (B) Niece
- (C) Aunt
- (D) Sister
- 27. In this question, a word has been given followed by four other words, one of which cannot be formed by using the letters of the given word. Find this word.

'CHEMOTHERAPY'

- (A) THEATRE
- (B) RAPED
- (C) HECTARE
- (D) MOTHER
- 28. If REEXAMINATION is written as EXAMINATIONER, how can REFORMER be written in that code?
 - (A) FORREMER
- (B) FORMERER
- (C) REFORMRE
- (D) REFROMER
- Find out the set among the four sets which is like the given set.

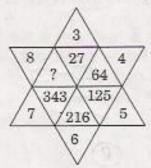
Given set (48, 64, 78)

- (A) 13, 28, 44
- (B) 17, 25, 42
- (C) 16, 43, 58
- (D) 74, 48, 64
- 30. If the uncle of the father of Rani is the grandson of the father of Anup and Anup is the only son of his father, then what is the relation of Anup with Rani?
 - (A) Maternal uncle
 - (B) Great-grandfather
 - (C) Grandfather
 - (D) Uncle

- 31. When 12 + 10 = 1205, 11 + 8 = 885, then 16 + 15 = ?
 - (A) 1025
- (B) 130
- (C) 2405
- (D) 105
- If TRAIN is coded as WUDLQ, how is the word BUS coded ?
 - (A) EXV
- (B) VXE
- (C)-EXU
- (D) DWU
- In a certain code, NATION is written as 37. ANITNO. In that code, which word will be written as EROFMR?
 - (A) REFORM
- FROMRE
- (C) FORMER
- ROMFER (D)
- 34. In the following question
 - 'A' means 'bigger than',
 - 'D' means 'smaller than',
 - 'o' means 'is equal to',
 - ⊕ means 'is not equal to'. If CAA; A□B; DøB and B□C, then
 - (A) AAC
- (B) B⊕D
- (C) D\(\D \)C
- (D) D C

Direction: In questions no. 35 to 37, find the missing number in the number pattern.

35.



- (A) 512
- (B) 612
- (C) 312
- 412
- (D)

- 36. 268 (29)210
 - 218 (?) 166
 - (A) 26
- (B)
- (C) 42
- 25 (D)

8	3 .	21
6	5	25
12	2	?

- 20 (B)
- (C) 24
- (D) 19
- If I walk at 4 km an hour from my house, 38. I miss the bus by 7 minutes and if I walk at 6 km an hour, I reach the bus-stop 8 minutes too early. How far is the bus-stop?
 - (A) $7\frac{1}{2}$ km
- (B) 8 km
- (C) 14 km
- (D) 7 km
- 39. If ASHA equals 79, then VINAYBHUSHAN = ?
 - (A) 144
- (B) 130
- (C) 211
- (D) 200

- code ?
 - (A) EQWPVTA (B)-BNTMSQX
 - (C) DPVOUSZ (D) DOXRYXF
- 41. If PRESENTATION is written as REPSENTATION, how can COMMENDATION be written in that code?
 - (A) IONENCOMMDAT
 - (B) DATIONENCOMM
 - (C) NCOMENDATION
 - (B) OMCMENDATION
- If MATCH is coded as NCWGM and BOX as CQA, then which of the following is coded as OOWIGUVS ?
 - (A) NOTFBOPE (B) MOKEBOOT
 - (C) NOTEBOOK (D) NOTEBOKE
- If STOP is coded as 19 20 15 16, how can we code the word POTS ?
 - (A) 16 15 20 19
 - (B) 16 15 19 20
 - (C) 15 16 20 19
 - (D) 19 20 15 16

If in a certain code, ADVENTURE is coded as Directions : In questions no. 44 and 45, two BFYISZBAN, how is COUNTRY coded in that statements are given, followed by two conclusions I and II. You have to consider the statements to be true, even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follows from the given statements

44 Statements .

- Science teachers do not use plastic bags.
- Plastic bags are not used by some Engineers.

Conclusions:

- I. All Science teachers are Engineers.
- All Engineers do not use plastic bags.
- (A) Both conclusions I and II follow
- (B) Neither conclusion I nor II follows -
- Only conclusion 1 follows
- (D) Only conclusion II follows

45. Statements:

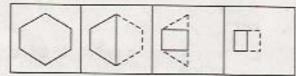
- 1 Some cats are kittens.
- 2 All dogs are kittens.

Conclusions:

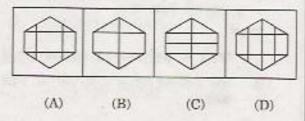
- T Some cats are dogs.
- Some dogs are cats. II.
- (A) Neither conclusion I nor II follows
- (B) Both conclusions I and II follow
- Only conclusion I follows
- (D) Only conclusion II follows

46. A sheet of paper has been folded as shown by the question figure. You have to figure out from amongst the four answer figures how it will appear when opened?

Question figure :

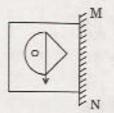


Answer figures :

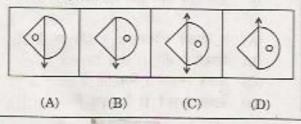


47. Which of the answer figures is exactly the mirror image of the question figure if a mirror is placed on the line MN?

Question figure :



Answer figures :

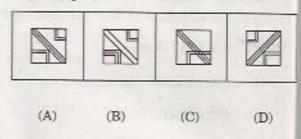


48. Which answer figure completes the form in the question figure?

Question sigure:



Answer figures :

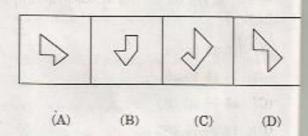


 From the answer figures, find out the figure pattern embedded in the question figure.

Question figure:



Answer sigures :



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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 the two matrices given below. The columns and rows of Matrix I are numbered from 0 to 4 and that of Matrix II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, e.g. "T" can be represented by 31, 76, etc. and "S" can be represented by 14, 99, etc. Similarly, you have to identify the set for the word NEST.

MATRIX I

	0	1	2	3	4
0	G	V	E	A	C
1	R	0	N	S	S
2	M	N	E	S	I
3	0	Т	Ι	Т	A
4	N	s	N	E	P

MATRIX II

_	-				
	5	6	7	8	9
5	R	E	0	N	G
6	N	P	V	Е	S
7	M	T	I	0	N
8	E	A	I	С	0
9	N	Т	A	R	S

- (A) 21, 85, 69, 31
- (B) 12, 56, 99, 32
- (C) 65, 68, 23, 87
- (D) 58, 43, 13, 33

FOR VISUALLY HANDICAPPED CANDIDATES ONLY

 From the given alternatives, select the word which can be formed using the letters of the given word.

PATERFAMILIAS

- (A) FAMILY
- (B) TERMINATE
- (C) TRANSFER
- (D) PREFER
- - (A) βv
- (B) φη
- (C) mv
- (D) 0 a
- Find the missing combinator of letters to complete the alphabetic series.

AE, BG, ? , GN, KS

- (A) IJ (
 -) IJ (B) JL
- (C) FJ (D) DJ
- Select the related word from the given alternatives.

LACONIC : VERBOSE : : LAUDATORY : ?

- (A) DEFAMATORY
- (B) SYMMETRY
- (C) COMBINED
- (D) COMPLETENESS
- Select the missing number from the given responses.







- (A) 18
- (C) 80
- (B) 46

PART - B : GENERAL AWARENESS

- 51. Who will head the Jury of the Awards Committees of Padma, Ratna and other highest honorary awards?
 - (A) Home Minister
 - (B) Prime Minister of India
 - (C) President of India
 - (D) Vice-President of India
- Most important responsibility of a Welfare State is
 - (A) to check exploitation
 - (B) to check encroachments on Fundamental Rights
 - (C) to preserve private property
 - (D) to promote religion of the people
- 53. Which of the following statements are correct?
 - Assam shares a border with Bangladesh and Bhutan.
 - West Bengal shares a border with Bhutan and Nepal.
 - Mizoram shares a border with Bangladesh and Myanmar.
 - (A) 2, 3
- (B) 1, 3
- (C) 1, 2, 3
- (D) 1, 2
- 54. Arrange the following Presidents in chronological order as to who came first and who came later:
 - 1. Fakhruddin Ali Ahmed
 - 2. Zakir Hussain
 - 3. Justice Hidavatullah
 - 4. A.P.J. Abdul Kalam
 - (A) 2, 1, 3, 4
- (B) 2, 3, 4, 1
- (C) 3, 2, 1, 4
- (D) 2, 3, 1, 4

- 55. Gross Domestic Product is the monetary value of
 - (A) goods produced for the market only
 - (B) goods_produced for the market and for self consumption
 - (C) stock of goods and services
 - (D) all final goods and services produced in a year
- 56. Which one of the following market structures has a kinked demand curve?
 - (A) Oligopoly
 - (B) Monopolistic competition
 - (C) Perfect competition
 - (D) Monopoly
- 57. Which of the following pairs is not correct ?
 - (A) XI Plan (2007 2012)
 - (B) VI Plan (1980 1985)
 - (C) I Plan (1951 1956)
 - (D) III Plan (1966 1971)
- 58. Which of the following institutions deals with credit to Agriculture and Rural Development?
 - (A) SIDBI
- (B) ICICI
- (C) IDBI
- (D) NABARD
- 59. As per the results of the 2011 Population Census, which of the following groups occupies the three top places in respect of literacy?
 - (A) Kerala, Lakshadweep, Mizoram
 - (B) Mizoram, Kerala, Tripura
 - (C) Kerala, Goa, West Bengal
 - (D) Chandigarh, Goa, Kerala
- District Judges in a State are appointed by the
 - (A) Governor
 - (B) Chief Justice of High Court
 - (C) Advocate-General of the State
 - (D) Council of Ministers of the State

61.		h of the for grounds of the F		g is called the	69.
	(A)	Hawaii	(B)	Ellice	
	(C)	Tonga	(D)	Fiji	
62.		h one of the fo		g is an act of man l balance ?	
	(A)	Lumbering			
	(B)	Social forestry			
	(C)	Vanamahotsav			
	(D)	Afforestation			Piero.
63.	Whie	h one is not c	orrectly	matched ?	
	(A)	Glasgow	- (Great Britain	
	(B)	Pittsburg	- 1	J.S.A.	70.
	(C)	Longcoy	-	Russia	
	(D)	Rhine	- (Germany	
64.	How	many States	in India	a are coastal ?	71.
	(A)	THE RESERVE OF THE PARTY OF THE	(B)		
	(C)	7	(D)	8	
65.		rnational bour		oetween India and	
	(A)	Radcliffe Line			
	(B)	Maginot Line			72.
	(C)	McMahon Lir	ie		150
	(D)	Durand Line			
66.		ch one of the		wing is called the om?	
	(A)	Bryophyta	(B)	Pteridophyta	
	(C)	Algae	(D)	Fungi	
67.	Fine	the odd one	out.		
	(A)	Tapeworm	(B)	Ringworm	
	(C)	Hookworm	(D)	Guinea worm	
68.		ional Institute		crition is a research	73.
	(A)	Madhya Prac	lesh		
	1000	Uttar Prades			
	(C)	Andhra Prad	esh		
	(D)	Himachal Pr	adesh		-

- 69. Which one of the following events are chronologically correct?
 - (A) Quit India Movement Civil Disobedience Movement - Cabinet Mission Plan
 - (B) Civil Disobedience Movement The Cabinet Mission Plan – Quit India Movement
 - (C) Civil Disobedience Movement Quit India Movement - The Cabinet Mission Plan
 - (D) The Cabinet Mission Plan Civil Disobedience Movement - Quit India Movement
- 70. Who founded the Vikramasila University?
 - (A) Dharmapala (B) Mahipala
 - (C) Dhruva (D) Devapala
- 71. Which of the following was not known during the Rigyedic period?
 - (A) Varna system (caste)
 - (B) Marriage system
 - (C) Joint family system
 - (D) Agriculture
- 72. Match the following :

	Dyr	asty			Founder
a.	Pal	lavas		1.	Dantidurg
b.	Ch	lukya	ıs	2.	Vishnuvardhan
c.	Ras	htrak	utas	3.	Simhavishnu -
d.	Hey	ysalas	-	14:	Pulakesin, I
	a	b	e	d	
(A)	1	4	2	3	
(B)	4	3	2	1	
(C)	2	1	4	3	
(D)	3	4	1	2	

- 73. Abul Fazl wrote
 - (A) Akbar-Nama
 - (B) Alamgir-Nama
 - (C) Babur-Nama
 - (D) Humayun-Nama

- 74. Which data communication method is used 81. for sending data in both directions at the same time?
 - (A) Half duplex
 - (B) Full duplex
 - (C) Super duplex
 - (D) Simplex
- 75. What does the acronym ISDN stand for ?
 - (A) Intelligent Services Digital Network
 - (B) Integrated Services Data Network
 - (C) Indian Standard Digital Network
 - (D) Integrated Services Digital Network
- Darkening property of photochromatic glass is due to the presence of
 - (A) silver nitrate
 - (B) silver chloride
 - (C) silver bromide
 - (D) silver oxide
- 77. Supersonic aircrafts discharge the following substance into the stratosphere:
 - (A) CO,
- (B) H₂
- (C) NO_Y
- (D) SO_X
- 78. Chemical nature of laughing gas is
 - (A) Nitrous oxide
 - (B) Sulphur dioxide
 - (C) Nitric oxide
 - (I) Hydrogen chloride
- 79. The difference between isotopes of an element is due to the presence of a different number of
 - (A) electrons
- (B) photons
- (C) protons
- (D) neutrons
- The increasing abudance of greenhouse gases in the atmosphere has led to the following effects except
 - (A) Oxygen fertilization effect
 - (B) Carbon dioxide fertilisation effect
 - (C) Global warming
 - (D) Depletion of ozone layer in the stratosphere

- 31. A tree's age can be found by
 - (A) counting the number of branches
 - (B) no means
 - (C) measuring its height
 - (D) counting the number of annual rings
- 82. The left aortic arch is observed in
 - (A) Reptiles
- (B) Aves
- (C) Amphibians
- (D) Mammals
- 83. Tendon connects
 - (A) Bone to muscle
 - (B) Muscle to muscle
 - (C) Bone to bone
 - (D) Muscle to bone
- Mercury is generally used in thermometers because it has a
 - (A) high conductivity
 - (B) high specific heat
 - (C) high fluidity
 - (D) high density
- To an observer on the lunar surface, during daytime, the sky will appear to be
 - (A) Orange
- (B) Black
- (C) Light yellow
- (D) Blue
- 86. Which of the following quantities is the measure of incrtia'?
 - (A) Mass
- (B) Weight
- (C) Velocity
- (D) Acceleration
- 87. The intensity of a wave
 - follows inverse square law.
 - 2. is proportional to its amplitude.
 - is proportional to the square of the amplitude.
 - (A) Only 2 is true
 - (B) 1 and 3 are true
 - (C) 1 and 2 are true
 - (D) 2 and 3 are true

- 88. In which of the following States, is the child-sex ratio the lowest as per the 2011
 Census?
 - (A) Chhattisgarh (B) Bihar
 - (C) Haryana (D) Punjab
- 89. Kaziranga National Park is situated in
 - (A) Rajasthan
- (B) Assam
- (C) Odisha
- (D) Gujarat
- 90. Who is the author of the book 'If Cricket is P6. Religion, Sachin is God'?
 - (A) Vijai Santhanam
 - (B) Shyam Balasubramaniam
 - (C) Both (A) and (B)
 - (D) None of the above
- 91. Which of the following statements is not correct about Sunder Lal Bahuguna?
 - (A) He started the 'Chipko Movement' to create awareness of deforestation
 - (B) He was elected to Lok Sabha from Uttarkashi in Uttarakhand
 - (C) He is an eminent environmentalist
 - (D) He was awarded Padma Bhushan in 2009
- 92. The three countries, in serial order, who won the highest number of gold medals in the Beijing Olympics Games were
 - (A) China, Germany, Australia
 - (B) China, Germany, USA
 - (C) China, USA, Russia
 - (D) China, USA, Germany
- The first woman from India to be conferred the Sainthood by Pope Benedict XVI is
 - (A) Sister Alphonsa
 - (B) Sister Nirmala
 - (C) Sister Desouza
 - (D) Sister Madorana

- 94. Which of the following fuels causes minimum environmental pollution?
 - (A) Hydrogen
- (B) Coal
- (C) Diesel
- (D) Kerosene
- Minamata epidemic that caused several deaths in Japan in 1965 occurred due to pollution in water by
 - (A) Fluoride
- (B) DDT
- (C) Lead
- (D) Mercury
- 96. Ozone affects human health by causing severe pulmonary edema at a concentration of
 - (A) 3·0 ppm
- (B) 9.0 ppm
- (C) 0.2 ppm
- (D) 0.3 ppm
- The first President to sail in a submarine in India was
 - (A) V.V. Giri
 - (B) N. Sanjeeva Reddy
 - (C) K.R. Narayanan
 - (D) Dr. A.P.J. Abdul Kalam
- Cooking vessels have wooden or bakelite handles because
 - (A) the handle must be strong
 - (B) the handle should be attractive
 - (C) wood and bakelite are bad conductors of heat
 - (D) None of the above
- 99. "Deshbandhu" is the title of
 - (A) B.C. Pal
 - (B) Rabindranath Tagore
 - (C) B.R. Ambedkar
 - (D) C.R. Das
- 100. Which one of the following pairs is incorrect?
 - (A) Abhinav Rifle shooting Bindra
 - (B) Sania Mirza Badminton
 - (C) Jeev Milkha Golf Singh
 - (D) Irfan Pathan Cricket

- 101. A completes a piece of work in 4 days and B | 105. The next term of the series completes it in 6 days. If they both work on it together, then the number of days required to complete the same work is
 - (A) $2\frac{2}{5}$ days
 - (B) $3\frac{2}{5}$ days

 - (C) $3\frac{5}{2}$ days (D) $2\frac{5}{2}$ days
- 102. The length of the side of a square is 14 cm. Find out the ratio of the radii of the inscribed and circumscribed circle of the square,
 - (A) √2 : 3
- (B) 2:1
- (C) √2 : 1
- (D) 1 : √2
- 103. A buys an article listed at ₹ 1200 and gets successive discounts of 10% and 20%. He spends 10% of his cost price on transport. At what price should he sell the article to earn a profit of 15% ?
 - (A) ₹ 1125 ·
- (B) ₹ 1100
- (C) ₹ 1130-75
- (D) ₹ 1092-96
- 104. The ratio of milk and water in 55 kg of a mixture is 7:4. The quantity of water that must be added to make the ratio 7:6 is
 - (A) 5 kg
- (B) 12 kg
- (C) 15 kg
- (D) 10 kg

- 1, 2, 6, 24, 120, ... is
 - (A) 720
- (B) 810
- (C) 600
- (D) 216
- 106. The greatest number of 5 digits to be added to 8321, so that the sum will be exactly divisible by 15, 20, 24, 27, 32 and 36 is
 - (A) 99779
- (B) 99879
- (C) 99360
- (D) 99679
- 107. A and B invest in a business in the ratio 5 : 4. If 10% of the total profit goes to charity and A's profit share is ₹ 7,500, then the total profit is
 - (A) ₹ 12,000
- (B) ₹ 15,000
- (C) ₹ 7,500
- (D) ₹ 10,000
- 108. If $\sqrt{3} = 1.732$, the value of

$$\frac{3+\sqrt{6}}{5\sqrt{3}-2\sqrt{12}-\sqrt{32}+\sqrt{50}}$$
 is

- (A) 1.414
- (B) 1-732
- (C) 4.899
- (D) 2.551
- The remainder, when $17^{37} + 29^{37}$ is divided 109. by 23, is
 - (A) 17
- (B)
- (C) 0
- (D) 1

- 110. A motor car goes to a place at a speed of 114. The average age of a group of 30 boys is 20 km/hr and returns from there at a speed of 30 km/hr The average speed (in km/hr) of the car in the entire journey is
 - (A) 24
- (B) 24.5
- (C) 26
- (D) 25
- 111. A man invests an amount of ₹ 15,860 in the names of his three sons A. B and C is such a way that they get the same amount after 2, 3 and 4 years respectively. If the rate of simple interest is 5%, then the ratio of amounts invested in the name of A, B and C
 - (A) 6:4:3
- (B) 6:3:4
- (C) 4:3:6
- (D) 4:6:3
- 112. If $2a \frac{2}{a} + 3 = 0$, the value of $(a^3 - \frac{1}{a^3} + 2)$ is
 - (A) $-\frac{40}{7}$ (B) $-\frac{47}{8}$

 - (C) 5 (D) $-\frac{35}{9}$
- 113. If $x = \frac{\sqrt{3}}{2}$, then the value of $\sqrt{1+x} + \sqrt{1-x}$ will be
 - (A) √3
- (B)
- (C) $\frac{1}{\sqrt{3}}$
- (D) 2√3

- 12 years. When 2 new boys join them, the average increases by $\frac{1}{4}$ year. What is the average age (in years) of the two new boys ?
 - (A) 14
- (B) 16
- (C) 12
- (D) 13
- 115. Average of two numbers is 7-5 and square root of their product is 6. What are the numbers ?
 - (A) 10 and 5
- (B) 12 and 3
- 13 and 2
- (D) 9 and 6
- 116. The profit earned by a shopkeeper by selling an article at a gain of 8% is ₹ 28 more than when he sells it at a loss of 8%. The cost price of the article is
 - (A) ₹ 175
- (B) ₹ 165
- (C) ₹ 170
- (D) ₹ 190
- 117. Krishna has 12 oranges with him. He sells x of them at a profit of 10% and remaining at a loss of 10%. He gains 5% on the whole outlay. The value of x is
 - (A) 9
- (B) 10
- (C) 7
- (D) 8

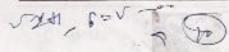
- 118. If $x^3 + y^3 = 35$ and x + y = 5, the value 123. The length of the portion of the straight line of $\left(\frac{1}{x} + \frac{1}{y}\right)$ is
 - $(A) = \frac{5}{6}$ (B) $\frac{3}{5}$
- 119. If $\frac{x^2}{bv + cz} = \frac{y^2}{cz + ax} = \frac{z^2}{ax + by} = 1$, then the value of $\frac{a}{a+x} + \frac{b}{b+y} + \frac{c}{c+z}$ is
 - (A) 1
- (B) -2
- (C) -1
- (D) 2
- 120. The values of a and b (a > 0, b < 0) for which $8x^3 - ax^2 + 54x + b$ be a perfect cube
 - (A) a = 18, b = -27
 - (B) a = 16, b = -9
 - (C) a = 12, b = -9
 - (D) a = 36, b = -27
- 121. If G is the centroid and AD be a median with length 12 cm of ∆ ABC, then the value of AG is
 - (A) 10 cm
- (B) 6 cm
- (C) 4 cm
- (D) 8 cm
- 122. ABC is a right-angled triangle. AD is perpendicular to the hypotenuse BC. If AC = 2 AB, then the value of BD is

- (C) $\frac{BC}{2}$ (D) $\frac{BC}{3}$

- 8x + 15y = 120 intercepted between the axes
 - (A) 16 units
- (B) 17 units
- (C) 14 units
- (D) 15 units
- 124. If (x + 1) and (x 2) be the factors of $x^3 + (a + 1)x^2 - (b - 2)x - 6$, then the values of a and b will be
 - (A) 5 and 3
- (B) 3 and 7
- (C) 2 and 8
- (D) 1 and 7
- 125. If x is real and $x^4 + \frac{1}{x^4} = 119$, then the

value of
$$\left(x - \frac{1}{x}\right)$$
 is

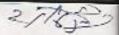
- (A) ± 3
- (B) ± 2
- (C) ± 4
- (D): ±9~
- 126. If $a = \sqrt{2} + 1$, $b = \sqrt{2} 1$, then the value of $\frac{1}{a+1} + \frac{1}{b+1}$ is
 - (A) 1
- (B) 2
- (C) 9
- (D) 3
- 127. If $a = 3 + 2\sqrt{2}$, then the value of $\frac{a^6 + a^4 + a^2 + 1}{a^3}$ is
- (B) 212
- (C) 192
- (D) 240



SPACE FOR ROUGH WORK







- 128. The perimeter of a rhombus is 146 cm and 133. In A ABC, AD is drawn perpendicular from one of its diagonals is 55 cm. The other diagonal is
 - (A) 48 cm
- (B) 72 cm
- (C) 92 cm
- (D) 73 cm
- ABCD is a cyclic quadrilateral. Sides AB and DC, when produced meet at the point P and sides AD and BC, when produced meet at the point Q. If ∠ ADC = 85° and ∠ BPC = 40°, then ∠ CQD is equal to
 - (A) 55°
- 85° (B)
- (C) 30°
- 40° (D)
- In a right-angled triangle ABC, AB = 2.5 cm, cos B = 0.5, ∠ ACB = 90°. The length of side AC, in cm, is

 - (A) $\frac{5}{4}\sqrt{3}$ (B) $\frac{5}{16}\sqrt{3}$

 - (C) $5\sqrt{3}$ (D) $\frac{5}{2}\sqrt{3}$
- 131. If $\cos \theta = \frac{4}{5}$, then the value of $\frac{\csc \theta}{1 + \cot \theta}$ is
- (C) $\frac{7}{5}$ (D) $\frac{2}{7}$
- 132. The value of θ [0° < θ < 90°] for which $\frac{\cos \theta}{1 - \sin \theta} + \frac{\cos \theta}{1 + \sin \theta} = 4 \text{ is}$
 - (A) 45°
 - 60° (B)
 - (C) 30°
 - None of these (D)

- A on BC. If $AD^2 = BD$. CD, then \angle BAC is
 - 60° (A)
- (B) 90°
- (C) 30°
- (D) 45°
- 134. ABC is a triangle. The internal bisector of the angles ∠ A, ∠ B and ∠ C intersect the circumcircle at X, Y and Z respectively. If \angle A = 50°, \angle CZY = 30°, then \angle BYZ will be
 - (A) 35°
- (B) 30°
- (C) 45°
- (D) 55°
- 135. If a circle with radius of 10 cm has two parallel chords 16 cm and 12 cm and they are on the same side of the centre of the circle, then the distance between the two parallel chords is
 - (A) 5 cm
- (B) 8 cm
- (C) 2 cm
- (D) 3 cm
- Two circles of radii 8 cm and 2 cm 136. respectively touch each other externally at the point A. PQ is the direct common tangent of those two circles of centres O, and O, respectively. Then length of PQ is equal to
 - (A) 4 cm
- (B) 8 cm
- 2 cm (C)
- (D) 3 cm
- 137. O is the orthocentre of the triangle ABC. If ∠ BOC = 120°, then ∠ BAC is
 - (A) 135°
- (B) 90°
- (C) 150°
- (D) 60°
- 138. Circumcentre of ∆ ABC is O. If ∠ BAC = 85°. ∠ BCA = 80°, then ∠ OAC is
 - 60° (A)
- (B) 75°
- (C) 80°
- (D) 30°

- $\cos^3 \theta + \sec^3 \theta$ is (A) -1
- (B) √3
- (C) 0
- (D) 1
- 140. If for all real values of a. $x = \cos^4 \alpha + \sin^2 \alpha$, then the range in which
- (A) $\frac{13}{16} \le x \le 1$ (B) $\frac{1}{2} \le x \le 2$

 - (C) $\frac{3}{4} \le x \le 1$ (D) $\frac{3}{4} \le x \le \frac{13}{15}$
 - 141. The maximum value of 24 sin θ + 7 cos θ
 - (A) 24
- (B)
- (C) 7
- (D) 17
- 142. In A ABC, ∠A is a right angle and AD is perpendicular to BC. If AD = 4 cm. BC = 12 cm, then the value of (cot B + cot C)



- (C)
- 143. If $\sec \theta + \tan \theta = 2$, then $\sec \theta$ is equal to

- (A) 5/2
- (B) 5/4
- (D)
- 144. If $\tan 2\theta \cdot \tan 4\theta = 1$, then the value of tan 30 is
 - (A)

- (D)

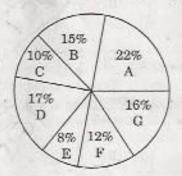
- 139. If $\cos \theta + \sec \theta = \sqrt{3}$, then the value of 145. A pole broken by the storm of wind and its top struck the ground at an angle of 30° and at a distance of 20 m from the foot of the pole. The height of the pole before it was broken was

 - (A) $60\sqrt{3}$ m (B) $\frac{100\sqrt{3}}{3}$ m

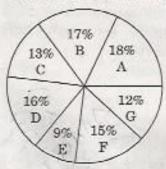
 - (C) $20\sqrt{3}$ m (D) $\frac{40\sqrt{3}}{2}$ m

Directions: Percentage of the candidates enrolled in seven different schools for the CBSE 10th examination and candidates who passed the examination is given by the following pie-graph, Study the graph and answer questions no. 146 - 150.

Candidates Enrolled = 8550



Candidates Passed = 5700



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SPACE FOR ROUGH WORK

46.	What is the ratio of candidates passed to the candidates enrolled from the school A?	FOR VISUALLY HANDICAPPED CANDIDATES ONLY
	(A) 6:7 (B) 7:6	
	(C) 6:11 (D) 11:6	146. A truck covers a distance of 600 meters 1 minute whereas a bus covers a distance
47.	What percentage of candidates passed to the	32 km in 40 minutes. The ratio of the speeds is

147.	What perce	entage of	can	dida	tes	pass	ed	to 1	the
	candidates	enrolled	for	the	sch	ools	B	and	C
	together?								

(A) 76

1

- (B) 80
- (C) 60
- (D) 72
- 148. Which school has the highest percentage of candidates passed to the candidates enrolled?
 - (A) E
- (B) F
- (C) B
- (D) C
- 149. The number of candidates passed from the schools D and A together exceeds the number of candidates enrolled from the schools E and C together by
 - (A) 399
- (B) 439
- (C) 299
- (D) 379
- 150. What percentage of candidates passed in the examination from school E out of total number of candidates enrolled from the same school ?
 - (A) 75
- (B) 80
- (C) 60
- (D) 65

- in of eir
 - (A) 3:4
- (B) 4:5
- (C) 1:2
- (D) 2:3
- 147. The compound interest on a certain sum for 2 years is ₹ 4,100 and the simple interest is ₹ 4,000. Then the rate of interest is
 - (A) 6%
- (C) 4%
- (D) 5%
- 148. A shopkeeper bought 24 bags for ₹ 240. What will be his profit if he sells them at ₹ 15 each?
 - (A) ₹ 120
- (B) ₹ 100
- (C) ₹ 180
- (D) ₹ 140
- If a square is inscribed in a circle whose area is 314 sq. cm, then the length of each side of the square is

[Given $\pi = 3.14$]

- (A) 10 cm
- (B) 10√2 cm
- (C) 5√2 cm
- (D) 20√2 cm
- 150. In a bag, there are some 20-Rupees, 10-Rupees and 5-Rupees notes in the ratio 2:3:4. If there are in all ₹ 360 in the bag, how many 20-Rupees notes are there?
 - (A) 4
- (B)
- (C) 12
- (D) 16

PART - D: ENGLISH COMPREHENSION

Directions: In questions no. 151 to 155, some parts of the sentences have errors and some have none. 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 error, blacken the rectangle [] corresponding to (D) in the Answer Sheet.

151.	Some of the people / wer	re standing on	the street /					
	(A)	(B)						
	watch cricket match, wh	ile others were	e sitting. / No	error				
	(C			(D)				
159	I am glad / that the new	gs / gro good /	No error					
1.02.	(A) (B)	(C)	(D)					
	A STORY		(2)					
159	The judge tested the acc	mend / to ean i	f he would /	mand I	English / No	AFFOR		
100.	(A)	dispuir to see I	(B)	(((D)		./
		1	(2)			1.27		
	I have neither visited / o				NT			
194.	(A)	(B)	(C)	10118. 7	(D)			
	(A)	(II)	(0)		(10)			
	and the second	AST THE VIEW OF	marks Towns	7	e duri			
	Kamala is not / inferior	than Geetha /	in her studi	es. / N	lo error.			
155.								
Dire	ctions : In questions no							
Directappro	ctions: In questions no opriate word(s), Four alter our and indicate it by blac	. 156 to 160, natives are sug hening the app	sentences ar gested for eac propriate recto	ch ques ingle [en with blan stion. Choose ■] in the A	the corre	ect alternati heet.	ive out o
Directapprotection of the following the following the following term of the following te	ctions : In questions no opriate word(s). Four alter	. 156 to 160, natives are sug hening the app	sentences ar gested for eac propriate recto	ch ques ingle [C.V.	en with blan stion. Choose I in the Ar Raman was :	the corre	ect alternati heetscier	ive out o
Directapprotection of the following the following the following term of the following te	ctions: In questions no opriate word(s). Four alter- our and indicate it by blac- I don't think I can longer.	. 156 to 160, natives are sug hening the app with hi	sentences ar gested for eac propriate recto	ch ques ingle [C.V. (A)	en with blan stion. Choose I in the Ar Raman was a itinerant	the corn nswer Si an (B)	ect alternati heet. scier immanen	ove out o
Directapprotection for the following distribution of the following	ctions: In questions no opriate word(s). Four alter- our and indicate it by blace I don't think I can longer.	. 156 to 160, natives are sug hening the app with hi	sentences ar gested for eac propriate recto	ch ques ingle [C.V.	en with blan stion. Choose I in the Ar Raman was :	the corre	ect alternati heetscier	ove out o
Directapprotection of the following the following the following term of the following te	ctions: In questions no opriate word(s). Four alter- our and indicate it by blac- I don't think I can longer.	natives are sughening the app with him	sentences ar egested for each propriate recta im any 158.	ch ques engle [C.V. (A) (C)	en with blan stion. Choose I in the Ar Raman was a itinerant	the corn nswer Si an (B) (D)	ect alternati heet. scier immanent imminent	oe out o
Director of the following the	ctions: In questions no opriate word(s). Four alternar and indicate it by blac. I don't think I can longer. (A) put up (B) (C) put on (D)	. 156 to 160, natives are sug hening the app with hi put out put off	sentences ar tegested for each propriate recta im any 158.	ch ques engle [C.V. (A) (C)	en with blan stion. Choose I in the Ar Raman was r itinerant eminent never drink	the corn nswer Si an (B) (D) s and	ect alternation beet. scientimmanent imminent drives. He	ntist. t
Director of the following the	ctions: In questions no opriate word(s). Four alternour and indicate it by black I don't think I can longer. (A) put up (B) (C) put on (D)	. 156 to 160, natives are sug hening the app with hi put out put off y temples in	sentences are egested for each propriate recta im any 158.	ch ques engle [C.V. (A) (C) He	en with blan stion. Choose I in the Ar Raman was a itinerant eminent never drinks to do s	the corresponding to the corre	ect alternation beet. scientismmanent imminent drives. He og silly like	ntist. t
Director of the following the	ctions: In questions no opriate word(s). Four alternour and indicate it by black I don't think I can longer. (A) put up (B) (C) put on (D) The of man and Central India surpa	. 156 to 160, natives are sug hening the app with hi put out put off y temples in	sentences are egested for each propriate recta im any 158.	ch quer engle [C.V. (A) (C) He (A)	en with blan stion. Choose I in the Ar Raman was r itinerant eminent never drink to do s sensual	the corn nswer Si an (B) (D) s and comethin (B)	ect alternation beet. scientist immanent imminent drives. He generally like sensible	ntist. t is to that.
Director of the following the	ctions: In questions no opriate word(s). Four alternate word(s). Four alternate and indicate it by black. I don't think I can longer. (A) put up (B) (C) put on (D) The of man and Central India surpa Taj Mahal.	. 156 to 160, natives are sug hening the app with hi put out put off y temples in	sentences are egested for each propriate recta im any 158.	ch quer engle [C.V. (A) (C) He (A)	en with blan stion. Choose I in the Ar Raman was a itinerant eminent never drinks to do s	the corn nswer Si an (B) (D) s and comethin (B)	ect alternation beet. scientismmanent imminent drives. He og silly like	ntist. t is to that.
Director of the following the	ctions: In questions no opriate word(s). Four alternour and indicate it by black I don't think I can longer. (A) put up (B) (C) put on (D) The of man and Central India surpa	. 156 to 160, natives are sug hening the app with hi put out put off y temples in	sentences ar typested for each propriate recto im any 158. South t of the	ch ques engle [C.V. (A) (C) He (A) (C)	en with blan stion. Choose I in the Ar Raman was r itinerant eminent never drink to do s sensual sensuous	(B) (B) (C) (B) (C) (C) (C) (C) (C) (C) (C) (C) (C) (C	ect alternation beet. scientismment imminent drives. He sensible sensitive.	t is to
Director of the following the	ctions: In questions no opriate word(s). Four alternate word(s). Four alternate and indicate it by black. I don't think I can longer. (A) put up (B) (C) put on (D) The of man and Central India surpa Taj Mahal.	. 156 to 160, natives are sug hening the app with hi put out put off y temples in	sentences ar typested for each propriate recto im any 158. South t of the	ch quer engle [C.V. (A) (C) He (A) (C)	en with blan stion. Choose I in the Ar Raman was r itinerant eminent never drink to do s sensual	(B) (B) (C) (B) (C) (C) (C) (C) (C) (C) (C) (C) (C) (C	ect alternation beet. scientismment imminent drives. He sensible sensitive.	t is to
Director of the following the	ctions: In questions no opriate word(s). Four alternour and indicate it by black. I don't think I can longer. (A) put up (B) (C) put on (D) The of man and Central India surpa Taj Mahal. (A) appearance	. 156 to 160, natives are sug hening the app with hi put out put off y temples in	sentences ar typested for each propriate recto im any 158. South t of the	ch questagle [C.V. (A) (C) He (A) (C) On a G.T.	en with blan stion. Choose I in the Ar Raman was r itinerant eminent never drink to do s sensual sensuous account of an Road was	(B) (B) (C) (B) (C) (C) (C) (C) (C) (C) (C) (C) (C) (C	ect alternation beet. scient immanent imminent drives. He g silly like sensible sensitive. t, the traffic.	t is to
Director of the fo	ctions: In questions no opriate word(s). Four alternar and indicate it by blace. I don't think I can longer. (A) put up (B) (C) put on (D) The of man and Central India surpa Taj Mahal. (A) appearance (B) goodness	. 156 to 160, natives are sug hening the app with hi put out put off y temples in	sentences ar typested for each propriate recto im any 158. South t of the	ch ques	en with blan stion. Choose I in the Ar Raman was r itinerant eminent never drink to do s sensual sensuous	(B) (B) (C) (B) (C) (C) (C) (C) (C) (C) (C) (C) (C) (C	ect alternation beet. scientismment imminent drives. He sensible sensitive.	t is to that.

KR. 2012/Page 34

four alternatives, choose the one which best expresses the meaning of the given word and mark it in the Answer Sheet.

161. Narcissism

- (A) self-admiration
- (B) rude behaviour
- (C) unpleasant behaviour
- (D) self-condemnation

162. Camouflage

- (A) demonstrate
- (B) fabric
- (C) disguise
- (D) cover

163. Yearn

- (A) confront
- (B) crave
- (C) denv
- (D) accept

164. Pensive

- (A) contemplative
- (B) precise
- (C) reluctant
- (D) unhappy

165. Impeccable

- _(A) upright
- harmless (B)
- (C) inoffensive
- (I)) flawless

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. Disparage

- (A) comfort
- (B) connect
- (C) compliment
- convince (D)

167. Garrulous

- (A) gruesome
- (B) creative
- (C) quiet
- (D) exaggerated

168. Augment

- (A) supplement
- (B) decrease
- (C) increase
- (D) defend

169. - Amateurish

- (A) skilled
- (B) professional
- (C) seasoned
- (D) trained

170. Ignominious

- (A) honourable
- (B) clever
- (C) valuable
- desirable (D)

Directions: In questions no. 161 to 165, out of the Directions: In questions no. 171 to 175, four alternatives are given for the idiom/phrase underlined. Choose the alternative which best expresses the meaning of the idiom/phrase and mark it in the Answer Sheet.

171. A good sportsman cannot afford to have a fit of the blues before the game.

- (A) stimulants
- (B) entertainment
- (C) steroids or drugs
- (D) depression

172. His utopian idea was entertaining but not acceptable.

- (A) classic idea
- (B) intelligent idea
- (C) unworthy idea
- (D) imaginary idea

173. He has the habit of getting into a row over trivial matters.

- (A) seeking the help
- (B) picking up a fight
- (C) getting a right path
- (D) giving unwanted advice

174. A small fry

- (A) little
- (B) important
- (C) unimportant
- (D) weak

175. Do not lose your head in public.

- (A) be embarrassed
- (B) shave your hair
- (C) get angry
- (D) get a headache

the sentence is underlined. Below are given four alternatives, choose the one which can be alternatives to the underlined part at (A), (B) and (C) substituted for the given words / sentence. which may improve the sentence. Choose the correct alternative. In case no improvement is needed, your answer is (D).

- 176. John is wearing his jacket as it is getting very cold.
 - (A) getting on
 - (B) putting on
 - taking on
 - (D) No improvement
- 177. I worked in this office since 2005.
 - (A) have worked
 - (B) have been working
 - (C) am working
 - (D) No improvement
- 178. The host offered me tea but I denied it,
 - (A) said no
 - (B) rejected
 - (C) refused
 - (D) No improvement
- 179. Can any spiritually dead man be so as to have no love for his native country?
 - (A) Can any man be so spiritually dead as to have no love for his native country?
 - (B) Can any native man be so dead as to have no love for his spiritual country?
 - (C) Can any dead man be so as to have no spiritual love for his native country?
 - (D) No improvement
- 180. How can anyone sympathize with you when what you say is hardly gullible?
 - (A) credible
 - (B) incredible
 - (C) credulous
 - (D) No improvement

Directions: In questions no. 176 to 180, a part of Directions: In questions no. 181 to 185, out of the

- 181. A person eighty years of age
 - Octogenarian
 - Sexogenarian (B)
 - Septogenarian
 - (D) Nonagenarian
- 182. Too much official formality
 - (A) Diplomacy
 - Antocracy
 - Bureaucracy
 - (D) Red-tapism
- 183. Enclosure for birds
 - (A) Lair
 - Aviary
 - (C) Pen
 - (D) Nest
- 184. That cannot be conquered
 - (A) Intangible
 - (B) Inevitable
 - Invincible
 - (1) Invulnerable
- 185. Hard to please
 - (A) Fastidious
 - (B) Epicurean
 - (C) Loquacious
 - (D) Stubborn

Directions: In questions no. 186 to 190, there are four different words out of which one is correctly spelt. Find the correctly spelt word and indicate it by blackening the appropriate rectangle [] in the Answer Sheet.

- 186. (A) acquisision
 - (B) ackuisition
 - (C) acquissition
 - (D) acquisition
- 187. (A) demanstrative-
 - (B) attractive
 - (C) reprasentative
 - (D) adminestrative
- 188. (A) monarchy
 - (B) discrapancy
 - (C) hieararchy
 - (D) anorchy
- 189. (A) refference
 - (B) relliance
 - (C) occurence
 - (D) recurrence
- 190. (A) discriptive
 - (B) receptive
 - (C) coopperative
 - (D) comppetitive

Directions: In questions 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 in the Answer-Sheet.

Passage I (191 - 195)

Unlike the masses, intellectuals have a taste for rationality and an interest in facts. Their critical habit of mind makes them resistant to the kind of propaganda that works so well on the majority. Intellectuals are the kind of people who demand evidence and are shocked by logical inconsistencies and fallacies. They regard over-simplification as the original sin of the mind and have no use for the slogans, the unqualified assertions and sweeping generalizations, which are the propagandist's stock-in-trade.

- 191. Intellectuals are the kind of people who
 - (A) look for evidence in support of logical inconsistencies and fallacies
 - (B) accept only those things which are logically consistent and well supported by evidence
 - demand logical inconsistencies and
 - (D) ignore faulty logic and wrong beliefs

192. 'Fallacies' means

- (A) illogical arguments
- (B) inconsistencies
- false evidence
- (D) false beliefs
- 193. A trait which intellectuals do not possess is
 - over-simplification
 - (B) logical thinking
 - (C) critical thinking
 - (D) rationality
- 194. The first sentence of the passage suggests
 - (A) intellectuals behave like individuals, not like members of a crowd
 - (B) individuals are intellectuals
 - all_individuals have a taste for rationality and an interest in facts
 - (D) groups consist of intellectuals
 - 195. The majority of people
 - work well with intellectuals
 - (B) possess a critical habit of mind
 - (C) resist propaganda
 - (D) do not possess a critical habit of mind

Unquestionably, a literary life is for the most part an unhappy life, because, if you have genius, you must suffer the penalty of genius; and if you have only talent, there are so many cares and worries incidental to the circumstances of men of letters, as to make life exceedingly miserable. Besides the pangs the continuous composition. and disappointment which a true artist feels at his inability to reveal himself, there is the ever-recurring difficulty of gaining the public ear. Young writers are buoyed up by the hope and the belief, that they have only to throw that poem at the world's feet to get back in return the laurel-crown; that they have only to push that novel into print to be acknowledged at once as a new light in literature. You can never convince a young author that the editors of magazines and the publishers of books are a practical body-of men, who are by no means frantically anxious about placing the best literature before the public. Nay, that, for the most part, they are mere brokers, who conduct their business on the hardest lines of a Profit and Loss account. But supposing your book fairly launches, its perils are only beginning. You have to run the gauntlet of the critics. To a young author, again, this seems to be a terrible order. When you are a little older, you will find that criticism is not

clowns in a circus, when they beat about the ring the victim with bladders slung at the end of long poles. A time comes in the life of every author when he regards critics as comical, rather than formidable; and goes his way unheeding. But there are sensitive souls that yield under the chastisement, and, perhaps, after suffering much silent torture, abandon the profession of the pen 198. It is an established fact that our literary for ever. Keats, perhaps, is the saddest example of a fine spirit hounded to death by savage criticism; because, whatever his biographers may aver, that furious attack of Gifford and Terry undoubtedly expedited his death. But no doubt there are hundreds who suffer keenly from hostile and unscrupulous criticism; and who have to bear that suffering in silence, because it is a cardinal principle in literature that the most unwise thing in the world for an author is to take public notice of criticism in the way of defending himself. Silence is the only safeguard, as it is the only dignified protest against insult and offence.

- 196. The writer's attitude towards the literary critics is of
 - (A) scorn
 - respect
 - (C) reverence
 - (D) indifference

- much more serious than the bye-play of 197. The writer's advice to the literary artists regarding criticism of their work is to
 - (A) withdraw it
 - maintain perfect silence
 - (C) defend it publicly
 - (D) protest against it
 - artists are
 - (A) unhappy
 - successful
 - (C) geniuses
 - (D) talented
 - 199. Young writers are
 - (A) candid
 - canny
 - over-confident
 - sceptical (D)
 - 200. The literary publishers publish only what is
 - (A) topical
 - (B) handy
 - (C) best
 - (D) saleable